ST60B-2007

EUB

Upstream Petroleum Industry Flaring and Venting Report

Industry Performance for Year Ending December 31, 2006

June 2007

Alberta Energy and Utilities Board

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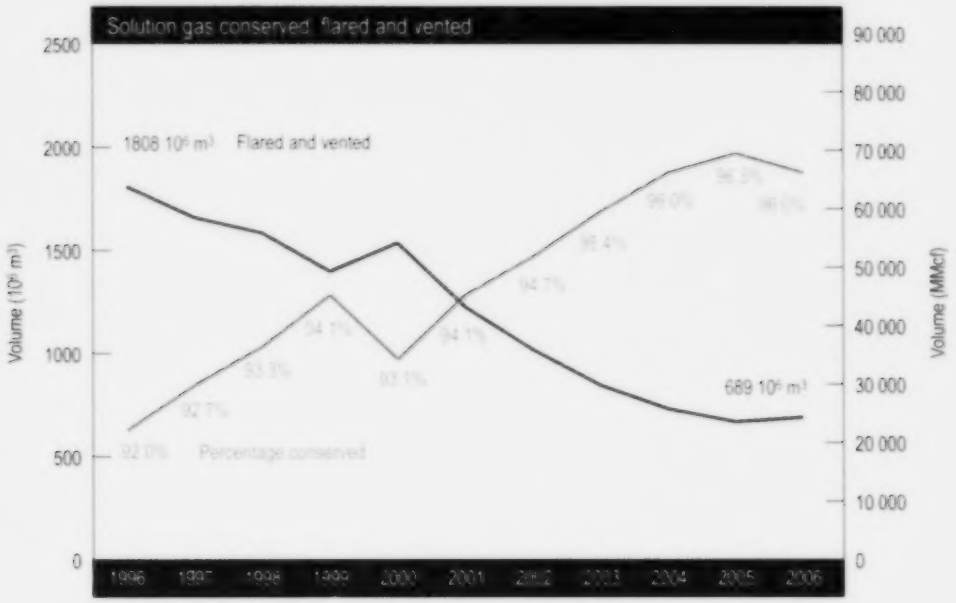
Executive Summary

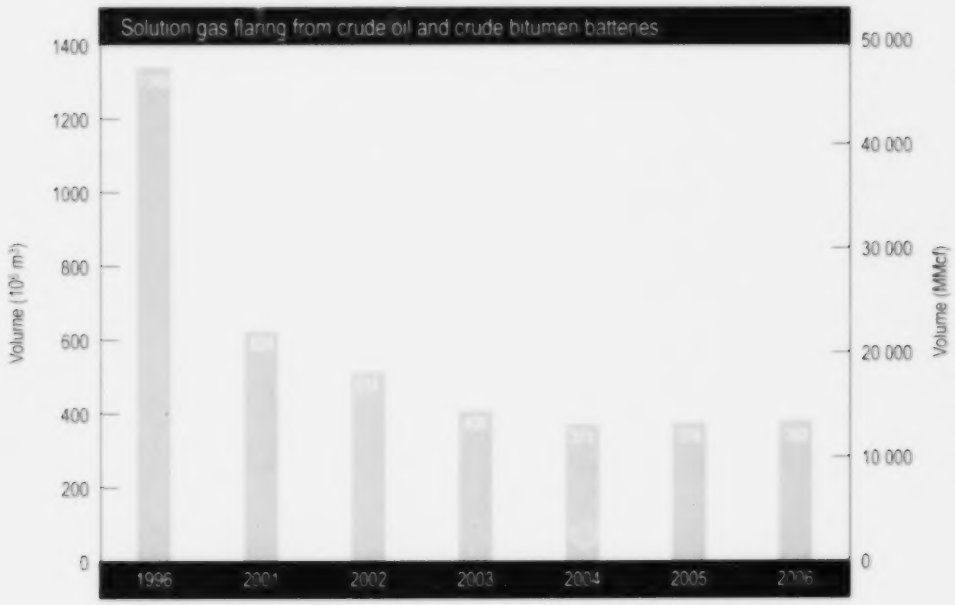
Solution Gas Conservation

Solution gas conservation for 2006 was 96.0 per cent.



Solution Gas Flaring

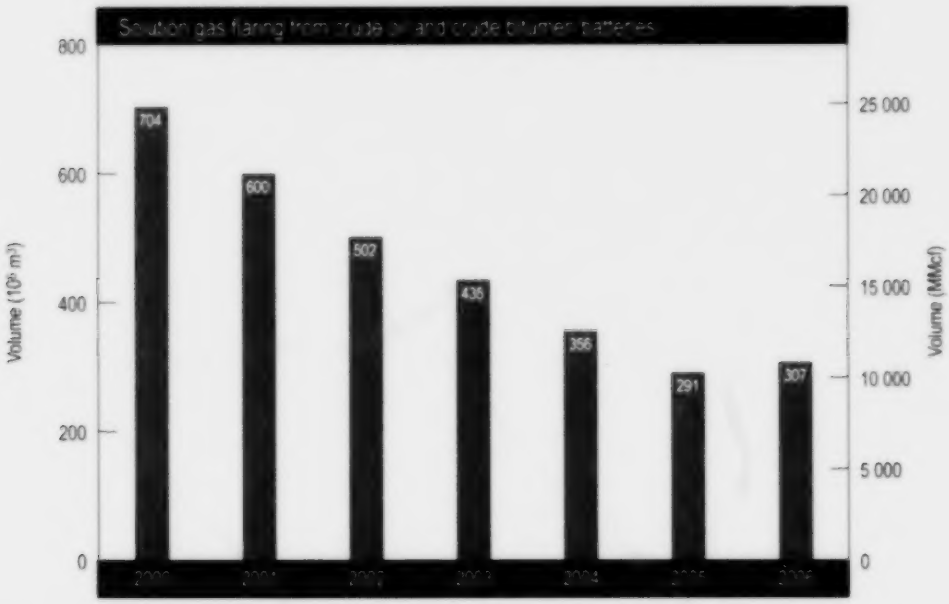
Solution gas flaring for 2006 was 71.5 per cent less than the 1996 flaring baseline.



The increase in solution gas flaring (1.6 per cent) can be wholly attributed to crude bitumen operations. The increase can be connected to the fact that more bitumen batteries are now able to produce enough gas to maintain a continuous flare, rather than venting, in cases where it has proven to be uneconomic to conserve the gas.

Solution Gas Venting

Solution gas venting for 2006 was 56.4 per cent less than the 2000 venting baseline.



In *ST 2004-60B: Upstream Petroleum Industry Flaring and Venting Report, 2003*, the Alberta Energy and Utilities Board (EUB) made commitments to identify and implement a number of conservation measures aimed at reducing the volumes of solution gas vented from crude bitumen operations. As a result of the EUB implementing the measures and industry awareness of them, venting from crude bitumen batteries has seen a net decrease of 29.4 per cent since 2003. However, in 2006 there was a 13.6 per cent increase in venting from crude bitumen batteries to 201 million cubic metres (10^6 m^3) (7115 million cubic feet [MMcf]) from 177 10^6 m^3 (6248 MMcf) in 2005. This increase can be connected to increased crude bitumen production in 200[illegible]er 2005. In 2006, crude bitumen production increased by 3.13 per cent to 29.7 10^6 m^3 from 26.6 10^6 m^3 in 2005.

Discussion

As in past reports, the primary focus of this report is to address solution gas flaring and venting. It also deals with flaring and venting of gas from all other upstream sources, including gas plants and gas batteries, gas gathering systems, pipelines, and well testing. Although the volumes of gas flared and vented at these individual sources are generally much smaller than at oil production sources, the EUB continues to push for continued reductions in flared and vented gas from all upstream petroleum industry sources.

Since 1996, significant progress has been made in reducing solution gas flaring in Alberta, even though there was an increase in 2006. In addition, solution gas venting has

seen a 56.4 per cent reduction since 2000, although 2006 saw an increase of 5.5 per cent over 2005. The EUB finds these increases in solution gas venting of great concern and will continue to work with all stakeholders to identify additional venting reduction strategies and opportunities and implement measures designed to achieve further reductions. Arguably, the biggest change to the latest edition of EUB *Directive 060: Upstream Petroleum Industry Flaring, Incineration, and Venting*, which came into effect on January 31, 2007, is the tightened regulations around solution gas flaring and venting. The positive results of reduced flaring and venting from these more comprehensive regulations should be evident in future *ST60B* reports.

For information on flaring and venting requirements, see *Directive 060*. If you have questions regarding flaring, venting, or this report, contact the EUB Operations Group at (403) 297-6179.

1 Introduction

The reduction of routine flaring and venting of solution gas has been a priority for the Alberta Energy and Utilities Board (EUB) since 1938. At that time, the Turner Valley Gas Conservation Board was formed to address problems with reservoir management, including the wasteful flaring of solution gas in southern Alberta.

Conservation of Alberta's energy resources, public safety, and the dissemination of information are core EUB functions. The EUB's activities and partnership work related to routine flaring and venting reduction address conservation and public safety. With this report, the EUB fulfills its information mandate regarding flaring and venting. It is part of a commitment made in EUB *Directive 060: Upstream Petroleum Industry Flaring, Incineration, and Venting* (Section 11) to make flaring and venting data more accessible.

The EUB, as a member of the consensus-based multistakeholder Flaring and Venting Project Team (www.casahome.org/?page_id=110.htm) of the Clean Air Strategic Alliance (CASA), participates in the development of recommendations encompassing an overall flaring and venting management framework for the Province of Alberta. The recommendations include the determination of flaring and venting baselines, flaring reduction targets, and operational requirements for the upstream oil and gas industry. The EUB subsequently adopted the recommendations put forward by CASA and incorporated them into the 1999 version of EUB *Guide 60: Upstream Petroleum Industry Flaring Guide* (subsequently known as *Directive 060*). Since then, enhanced regulation and enforcement, along with industry cooperation, have resulted in significant reductions in the volume of solution gas flared and vented.

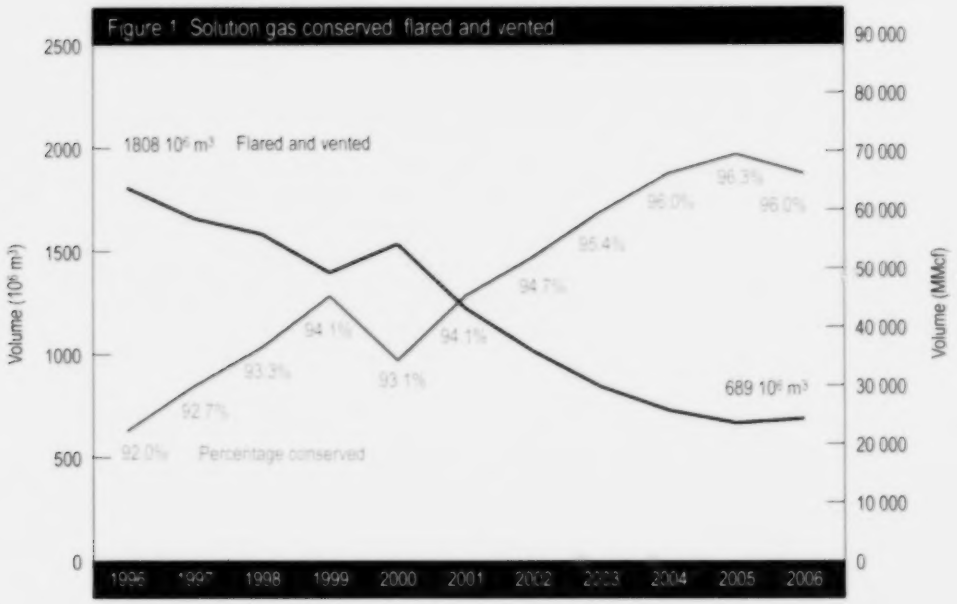
In January 2007 a wholly revised *Directive 060: Upstream Petroleum Industry Flaring, Incineration, and Venting* was released. Again, this was a multiyear collaborative effort that incorporated the recommendations of four CASA Flaring and Venting Project Team reports. The new *Directive 060* is the clearest and most comprehensive set of upstream flaring and venting regulations released in Alberta (and Canada) to date. Even with the overall success experienced in Alberta, further reductions are still being aggressively pursued through regulatory enhancements, industry compliance and cooperation, and the collaborative nature of CASA (www.casahome.org).

Alberta's success in reducing flaring and venting has been acknowledged internationally. In 2002, the World Bank invited Alberta to participate in a Global Gas Flaring Reduction Initiative. The success of the Alberta flare reduction efforts and the constructive CASA approach were attractive to the World Bank global efforts. The World Bank, drawing on its learnings from the EUB and other international jurisdictions, developed and published its voluntary standard for global gas flaring reduction. The voluntary standard sets out a framework on how to achieve reductions in flaring and venting associated with crude oil production on a worldwide basis. In 2004, the EUB formally endorsed the Global Gas Flaring Reduction Standard. In addition, the EUB continues to provide technical assistance in developing global standards and in developing regulatory capacity in member countries.

Additional information regarding the World Bank's Global Gas Flaring Reduction Standard can be obtained through the World Bank Global Gas Flaring Reduction Partnership (see its Web site www.worldbank.org/ggfr.htm).

2 Solution Gas Conserved, Flared and Vented (1996-2006)

Industry achieved a 96.0 per cent solution gas conservation rate in 2006, compared to 96.3 per cent in 2005, a decrease of 0.3 per cent (see Figure 1).



The combined volume of flared and vented solution gas has increased to 689 million cubic metres (10^6 m^3) (24 321 million cubic feet [MMcf]) in 2006 from 667 10^6 m^3 (23 545 MMcf) in 2005.* This represents an increase of 21 10^6 m^3 (741 MMcf), or 3.3 per cent.

The level of gas conservation has risen continuously, with the exception of the 1999 and 2006 calendar years. Although Figure 1 indicates that there was about a 1 per cent decline in conservation between 1999 and 2000, the actual decline is not as great as 1 per cent and can be attributed as follows:

- 0.4 per cent due to new development,
- 0.2 per cent due to improved measurement and reporting of vented gas, resulting in an increase in reported vented volumes, and
- 0.4 per cent due to a correction in misreported volumes of solution gas produced.

The decline in conservation in 2006 of 0.3 per cent is entirely due to new development.

The data from all crude oil and crude bitumen batteries (including experimental batteries) were used in calculating the percentage of solution gas conserved. Gas conserved includes gas delivered to a pipeline for sale and that used as fuel for facilities and equipment, as well as for alternative uses, such as power generation.

* Actual values have been rounded to the nearest 10^6 m^3 and MMcf respectively. A factor of 35.3 was used to convert from 10^6 m^3 to MMcf.

3 Solution Gas Flaring and Venting Performance

The 2006 flared volumes were 71.5 per cent less than the 1996 flaring baseline, and the 2006 vented volumes were 56.4 per cent less than the 2000 venting baseline. Summaries of the targets and actual reductions for the past seven years for flaring and five years for venting are given in Tables 1 and 2.

Table 1. Solution gas flaring reduction (compared to 1996 baseline)

Year	Reduction (%)
1999	30
2000	38
2001	53
2002	62
2003	70
2004	72
2005	72
2006	71

Table 2. Solution gas venting reduction (compared to 2000 baseline)

Year	Reduction (%)
2001	15
2002	29
2003	38
2004	49
2005	59
2006	56

The years 1996 and 2000 were selected as the baseline years for solution gas flaring and venting respectively because these topics were addressed by the CASA Flaring and Venting Project Team with the latest data available at those times.

Crude bitumen batteries accounted for 34.8 per cent of the solution gas flared and vented in 2006, with 83.9 per cent of this volume being vented. The EUB will continue to work with all stakeholders to identify venting reduction strategies and opportunities and implement measures designed to achieve further reductions.

Discussion

Overall solution gas conservation has declined slightly, with conservation efficiencies at crude oil batteries stable at 97.2 per cent in 2006, the same as in 2005 and 2004. The EUB continues to acknowledge that solution gas conservation from crude oil batteries is significant, at 97.2 per cent. This is due to the fact that the majority of economically feasible solution gas flares and vents are being conserved. The EUB requires that industry will continue to conserve solution gas where it is economically feasible, and with the release of the latest edition of *Directive 060*, industry is now required to conserve solution gas even if it may be slightly uneconomic to do so. The new regulations state that if the cost of conserving the gas is greater than minus $50 000, (previously this figure was $0), the gas must be conserved. In effect, industry must now partially use the oil revenues of the project to help conserve the solution gas.

Venting from crude bitumen batteries increased to 201 10^6 m^3 (7112 MMcf) in 2006 from 177 10^6 m^3 (6259 MMcf) in 2005. This represents a increase of 24 10^6 m^3 (853 MMcf), or 13.6 per cent. Conservation at crude bitumen batteries decreased to 83.6 per cent in 2006, compared to 85.4 per cent in 2005.

The increased flared and vented volumes from crude bitumen operations can be explained in four ways:

1) The low price of gas in 2006 (almost half) in comparison to 2005: Economic evaluations for solution gas conservation are based on the price of the gas being conserved. If the price of that gas is low, a project that may have been economically viable to conserve in 2005 may not have been so in 2006.

2) The overall increase in volume of crude bitumen operations: In 2006, there was an increase of 299 crude bitumen batteries reporting production over 2005. This is an increase of 28.5 per cent.

3) The increased cost of services: Economic evaluations for gas conservation are based on the cost of gas and the initial capital investment of conservation facilities. The cost of services to construct those facilities has increased substantially over 2005.

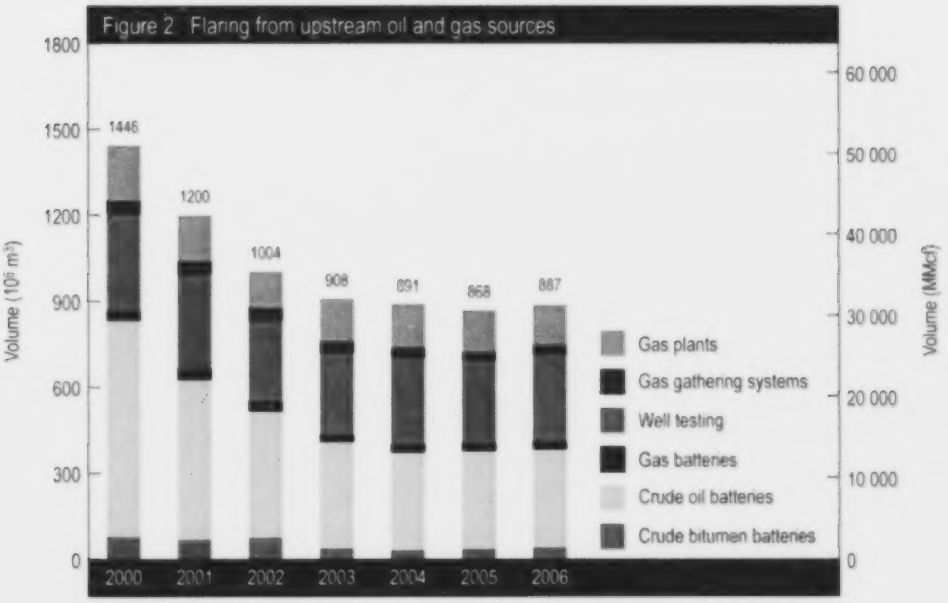
4) In the areas of Alberta where there is increased crude bitumen production, there is often insufficient gas conservation infrastructure to make gas conservation viable.

Notwithstanding the fact that gas conservation economics are more difficult respecting bitumen production, this increase concerns the EUB.

More information on flaring and venting can be found on the EUB Web site www.eub.ca under Industry Zone : Rules, Regulations, Requirements : Flaring.

4 Flaring from All Upstream Oil and Gas Sources (2000-2006)

The total volume flared from all sources in 2006 was 887 10^6 m^3 (31 312 MMcf), an increase of 2.2 per cent from 2005 (see Figure 2).



The data in Table 3 were used to prepare Figure 2:

Table 3. Flaring fom all upstream gas sources

	Flaring volume 10^6 m^3							Change (%)
Source	2000	2001	2002	2003	2004	2005	2006	2006 vs. 2005
Gas gathering sytems *	48	50	48	42	38	31	36	15.7
Gas plants *	196	159	127	149	153	147	140	-4.8
Well testing	335	326	280	284	300	287	301	4.7
Gas batteries	36	41	35	25	28	27	28	3.4
Crude oil batteries	755	558	441	372	343	344	343	-0.1
Crude bitumen batteries	76	66	73	36	29	33	39	17.8
Total	1446	1200	1004	908	891	869	887	2.1
(Imperial units-MMcf)	51 324	42 592	35 636	32 228	31 465	30 676	31 312	

* The figures for gas plants and gas gathering systems include both flared *and* vented volumes.

In 2006, of 657 gas plants reporting receipts, 444 gas plants flared* a total of 140 10^6 m^3 (5593 MMcf), a 4.8 per cent decrease from 2005. All gas plant subtypes contribute to this report; they include sweet, acid gas flaring, acid gas injection, acid gas flaring percentage, sulphur recovery, straddle, and fractionation. A total of 24 plants accounted for about 50 per cent of the volumes flared at gas plants in 2006.

In 2006, 50 per cent of the volume flared from gas gathering systems came from 24 of the 2674 systems.

* The figures for gas plants and gas gathering systems include both flared *and* vented volumes.

Excluding well tests conducted in-line, the number of well tests flared in 2006 was 7372, compared to a total of 8286 in 2005, a decrease of 914 or 11.0 per cent. A contributing factor to the decrease in the number of well tests was the 9.3 per cent decrease in the number of exploration and development wells drilled in 2006 compared to 2005. Despite the decrease in the number of well tests, the volume flared for well tests actually increased by 4.7 per cent to 301 10^6 m^3 (10 622 MMcf).

When considering all well tests conducted in 2006, the average gas volume flared per test was 40.8 thousand (10^3) m^3 (1.4 MMcf), compared to 34.6 10^3 m^3 (1.2 MMcf) per test in 2005, an increase of 17.7 per cent.

It should be noted that the EUB is requiring companies to look for alternatives to well test flaring. This has been a requirement since *Directive 060* was originally released in 1999. Companies have been required to look into testing in-line when it is both economically feasible and safe to do so. Testing in-line can mean either connecting to an existing gas gathering system directly or laying a temporary surface pipeline to connect a well to a remote gas gathering system. In either way, the gas from the well test is conserved.

The data in Table 4 represent the flaring from well tests conducted by 25 companies in 2006 and the average volume of gas flared per test.

Table 4. Well test flaring, 2006, ranked by number of well tests conducted

	Well tests	Gas flared		Average gas flared / test	
Company	(#)	(10^6 m^3)	(MMcf)	(10^3 m^3)	(MMcf)
Canadian Natural Resources Limited	**1015**	33.3	1177.2	32.8	1.2
EnCana Corporation	**722**	16.5	582.4	22.8	0.8
Apache Canada Ltd.	**367**	17.8	628.3	48.5	1.7
Talisman Energy Inc.	**309**	14.5	510.4	46.8	1.7
Quicksilver Resources Canada Inc.	**247**	3.2	111.2	12.8	0.5
Burlington Resources Canada (Hunter) Ltd.	**240**	11.6	410.4	48.4	1.7
981384 Alberta Ltd.	**213**	1.1	39.5	5.2	0.2
Husky Oil Operations Limited	**173**	4.8	169.6	27.8	1.0
Burlington Resources Canada Ltd.	**160**	8.5	298.7	52.9	1.9
Shell Canada Limited	**136**	16.6	586.5	122.1	4.3
ConocoPhillips Canada Resources Corp.	**135**	2.8	97.9	20.5	0.7
Devon Canada Corporation	**130**	5.6	198.6	43.3	1.5
Northrock Resources Ltd.	**101**	8.7	307.4	86.2	3.0
Compton Petroleum Corporation	**99**	2.5	87.0	24.9	0.9
Shiningbank Energy Ltd.	**99**	3.9	138.0	39.5	1.4
Primewest Energy Inc.	**88**	4.3	151.7	48.8	1.7
Paramount Resources Ltd.	**82**	4.9	174.4	60.2	2.1
Anderson Energy Ltd.	**81**	0.7	25.6	8.9	0.3
BP Canada Energy Company	**80**	6.5	228.2	80.8	2.9
Paramount Energy Operating Corp.	**77**	1.5	53.0	19.5	0.7
Fairborne Energy Ltd.	**71**	5.3	186.9	74.6	2.6
Rider Resources Ltd.	**64**	3.2	112.7	49.9	1.8
Duvernay Oil Corp.	**63**	2.8	99.1	44.6	1.6
Peyto Exploration & Development Corp.	**63**	5.1	180.0	80.9	2.9
Suncor Energy Inc.	**57**	2.4	86.4	42.9	1.5
Subtotal	**4872**	**188.1**	**6641.0**		
% of total well tests	**66.1%**	**62.5%**	**62.5%**		

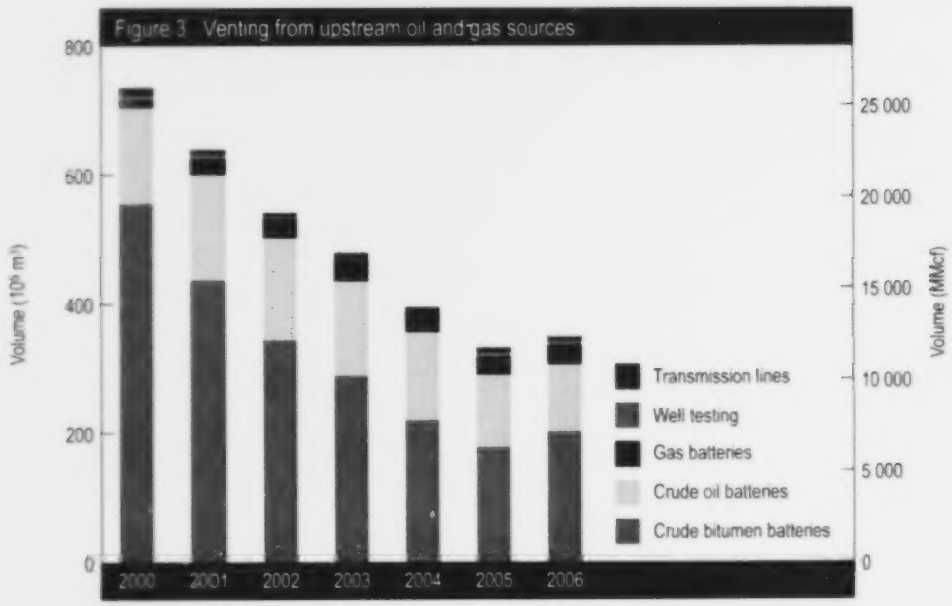
5 Venting from Upstream Oil and Gas Sources (2000-2006)

The most significant source of venting is primary crude bitumen projects, where solution gas is vented from the production casing annulus at a large number of individual wells. In some instances, small volumes of solution gas are also vented from treaters and stock tanks at crude oil and crude bitumen batteries. Venting during well testing is primarily from shallow, sweet, low-deliverability gas wells, including coalbed methane (CBM) wells.

In *ST 2004-60B: Upstream Petroleum Industry Flaring and Venting Report, 2003*, the EUB made commitments to identify and implement a number of conservation measures aimed at reducing the levels of solution gas venting from crude bitumen operations. As a result of the EUB implementing the measures and industry awareness of them, venting from crude bitumen batteries has seen a net decrease of 29.4 per cent since 2003. However, in 2006, venting from crude bitumen operations increased by 13.6 per cent to 201 10^6 m^3 (7115 MMcf) from 177 10^6 m^3 (6261 MMcf) in 2005. This increase can be directly related to increased production in crude bitumen operations—bitumen production grew by 3.1 10^6 m^3 to 29.6 10^6 m^3 in 2006, an increase of 11.8 per cent compared to 2005—the often long distances to gas conservation infrastructure, and the relatively low price of gas in 2006.

Figure 3 shows venting volumes broken down by source for 2000 to 2006. The total volume vented from all upstream oil and gas sources in 2006 was 349 10^6 m^3 (12 340 MMcf), a increase of 16.0 10^6 m^3 (565 MMcf) or 4.8 per cent from 2005.

Figure 3 Venting from upstream oil and gas sources



The data in Table 5 were used to prepare Figure 3:

Table 5. Venting from upstream oil and gas sources(10^6 m^3)

Year	Crude bitumen batteries	Crude oil batteries	Gas batteries	Well testing	Transmission lines	Total (10^6 m^3)	Total (MMcf)
2000	554	150	12	7	12	735	25,956
2001	436	164	24	7	8	639	22,566
2002	343	159	31	3	5	541	19,105
2003	288	147	34	2	8	479	16,916
2004	219	137	33	1	5	395	13,949
2005	177	113	28	6	8	332	11,724
2006	**201**	**105**	**30**	**5**	**8**	**349**	**12,325**
2006 vs 2005	13.6%	-7.1%	7.1%	-16.7%	0.0%	5.1%	5.1%

Table 5 also shows a marked improvement in venting from crude oil batteries. This reduction can be attributed to more gas being conserved at these facilities and the fact that where the gas is able to sustain a continuous flare, it is burned.

In 2000, improved reporting and measurement resulted in a more accurate differentiation between flaring volumes and venting volumes. As a result, gas that had been incorrectly reported in previous years as flared was now correctly reported as vented. This correction gave the appearance of an increase in vented volumes.

The EUB is encouraged to see that operators continue to increase their efforts to more accurately measure the volume of gas being vented from the annulus of crude bitumen wells. It is necessary for crude bitumen operators to include gas conservation in the planning stages of new primary recovery projects and implement gas conservation at an early date. The EUB intends to continue to actively pursue the conservation of vented solution gas, particularly at crude bitumen projects.

Although the EUB does not collect data on the emissions of greenhouse gases per se, it is concerned about the impact these gases can have on the environment. With this in mind, any vented gas that can sustain continuous combustion and has been shown to be economically unviable to conserve must be burned. This is an issue that the EUB has begun to pursue more vigorously.

6 Solution Gas Emissions Ranking of Operators for 2006

The EUB has ranked companies based on volumes of flared plus vented solution gas, and vented solution gas from operated crude oil and crude bitumen batteries. The tables in Section 8 provide information on individual companies. The second column in the tables shows the percentage of solution gas conserved by an operator. Individual operators can be compared to the provincial average of 96.1 per cent solution gas conservation.

In this analysis, all crude oil and crude bitumen batteries have been included except for batteries that had an experimental well reporting fluid production in a month. The information on experimental wells remains confidential. This explains the difference between 96.0 per cent and 96.1 per cent reported in this publication.

Note that it is possible for an operator to flare or vent a significant volume of solution gas due to the magnitude of the company's operations and still have a high percentage of gas conserved.

Companies are also ranked province wide and within each EUB Field Centre area. The following describes the fields that appear in the ranking tables:

COMPANY—Name of company operating crude oil and crude bitumen batteries

GAS CONS—percentage of solution gas conserved. (Solution Gas Produced – Flared Gas – Vented Gas) / Solution Gas Produced x 100

GAS CONS CHANGE—percentage change in gas conservation from the previous year. Blanks represent companies that did not report in 2005 due to mergers, name changes, acquisitions, etc.

GAS FLARED + VENTED ($1000\ m^3$)—solution gas flared plus vented from operated crude oil and crude bitumen batteries

GAS FLARED + VENTED RANK—the company's ranking compared to other companies based on the operated volume of solution gas flared plus vented

GAS FLARED ($1000\ m^3$)—solution gas flared from operated crude oil and crude bitumen batteries

FLARE RANK—the company's ranking compared to other companies based on the operated volume of solution gas flared

GAS VENTED ($1000\ m^3$)—solution gas vented from operated crude oil and crude bitumen batteries

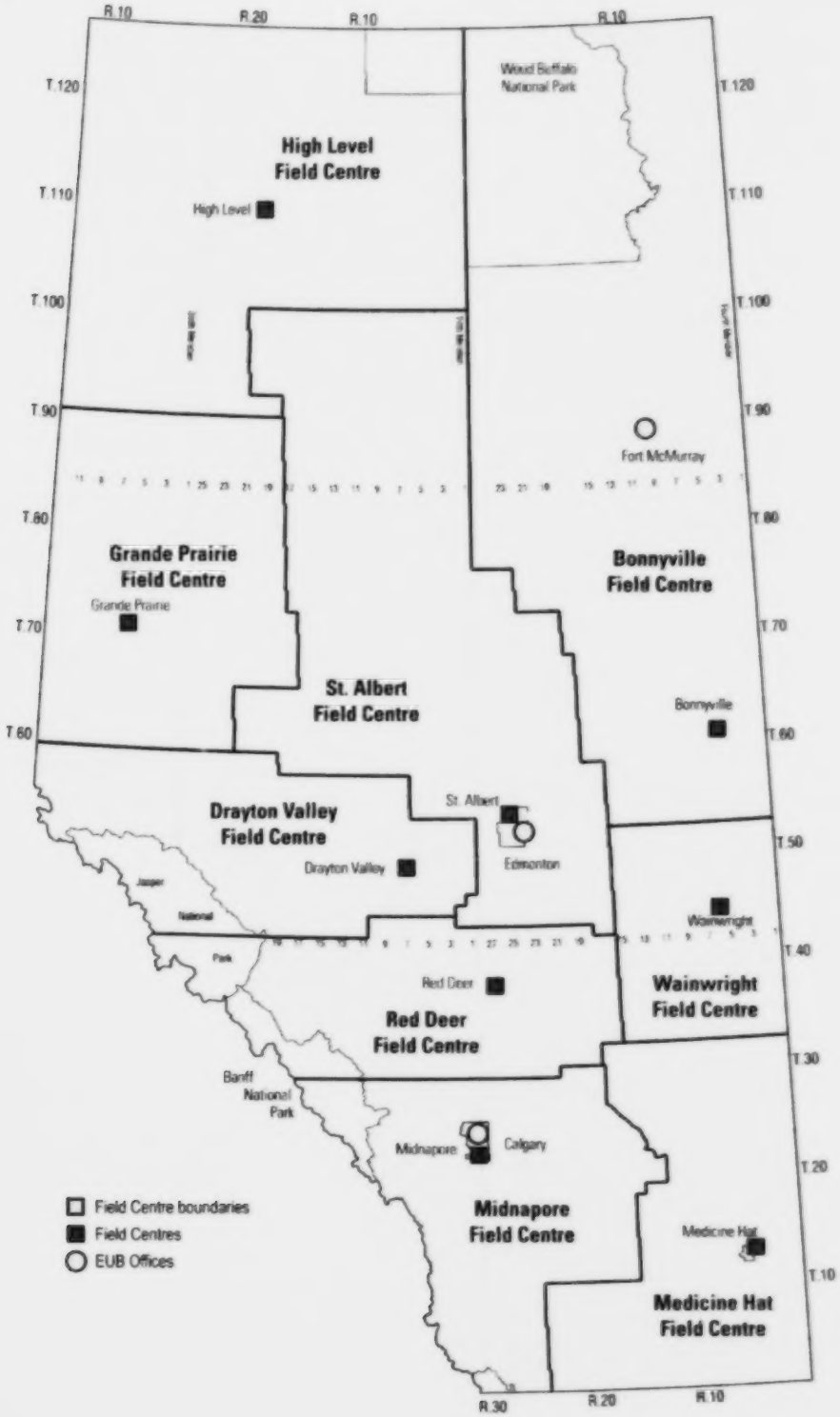
VENT RANK—the company's ranking compared to other companies based on the operated volume of solution gas vented

OIL PROD (m^3)—volume of crude oil and in situ crude bitumen produced from operated crude oil and crude bitumen batteries

SOLN GAS PROD ($1000\ m^3$)—volume of solution gas produced from operated crude oil and crude bitumen batteries

SOLN GAS RANK—the company's ranking compared to other companies based on the operated volume of solution gas produced

7 Map of EUB Field Centres



8 Tables

In the tables that follow, the companies are ranked and listed based on solution gas flared plus vented from facilities operated by the company in 2006. Each table gives a total for the Field Centre area covered at the end of the data.

- Operators with Largest Solution Gas Produced Volume in 2006
- Operators with Largest Solution Gas Vented Volume in 2006
- Provincial Ranking of Operators—2006 Flare + Vent Volume
- Field Centre Ranking of Operators—2006 Flare + Vent Volume

OPERATORS WITH LARGEST SOLUTION GAS PRODUCED VOLUMES IN 2006[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED ($1000 M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000 M^3$)	GAS RANK
Imperial Oil Resources	99.9%		3466.3	33	2629.7	35	836.6	29	9,369,841.6	**3,602,158.2**	**1**
Husky Oil Operations Limited	97.7%	0.0%	53220.7	2	18997.5	1	34223.2	2	3,192,964.4	**2,286,346.0**	**2**
Canadian Natural Resources Limited	84.5%	-0.8%	148127.3	1	13156.7	4	134970.6	1	10,034,585.7	**957,524.7**	**3**
Penn West Petroleum Ltd.	96.5%	0.5%	22794.4	6	16975.9	2	5818.5	7	1,569,998.0	**649,525.6**	**4**
Encana Oil & Gas Partnership	98.6%	0.5%	7,539.6	14	5,380.0	15	2,159.6	13	4,608,583.6	**541,505.6**	**5**
Devon Canada	92.8%	-0.5%	38,861.9	3	8,245.4	10	30,616.5	3	2,450,908.5	**540,302.5**	**6**
Canetic Resources Inc.	96.8%		12,423.6	9	10,552.6	7	1,871.0	15	1,006,292.2	**390,966.5**	**7**
Pengrowth Corporation	98.7%	-0.1%	5,028.3	27	4,046.6	28	981.7	25	771,064.0	**389,891.9**	**8**
Talisman Energy Inc.	93.7%	-0.3%	23,938.5	5	16,544.0	3	7,394.5	5	1,290,347.4	**382,718.2**	**9**
ARC Resources Ltd.	96.7%	-0.6%	11,846.9	10	10,646.3	6	1,200.6	21	1,150,526.2	**355,315.6**	**10**
NAL Resources Limited	99.5%	-0.1%	1,616.5	62	1,199.8	72	416.7	45	311,585.5	**348,482.1**	**11**
Exxonmobil Canada Ltd. And Exxonmobil Resources Ltd.	99.4%	0.2%	2,145.3	47	2,056.9	40	88.4	93	311,231.2	**343,513.3**	**12**
Apache Canada Ltd.	95.4%	1.2%	14,423.8	8	10,005.7	8	4,418.1	9	1,165,357.7	**314,879.6**	**13**
ConocoPhillips Canada Resources Corp.	96.0%	-0.9%	11,589.4	11	8,773.1	9	2,816.3	11	570,582.4	**292,259.8**	**14**
Bonavista Petroleum Ltd.	91.1%	-3.4%	25,226.6	4	6,250.3	13	18,976.3	4	917,016.3	**282,246.9**	**15**
Burlington Resources Canada Ltd.	97.8%	-0.1%	5,939.5	18	5,894.4	14	45.1	122	226,441.2	**266,155.7**	**16**
Conocophillips Canada Energy Partnership	97.2%		7,273.7	15	4,950.7	21	2,323.0	12	629,465.7	**262,766.7**	**17**
Keyera Energy Ltd.	100.0%	0.0%	-	402	-	336	-	237	271,424.1	**225,187.1**	**18**
Harvest Operations Corp.	90.2%	1.5%	18,990.0	7	12,759.6	5	6,230.4	6	1,658,796.3	**193,602.4**	**19**
Enermark Inc.	96.5%	-0.2%	6,593.6	17	4,974.1	20	1,619.5	17	588,131.6	**190,785.4**	**20**
BP Canada Energy Company	99.8%	0.0%	317.3	151	287.9	145	29.4	139	18,030.4	**175,035.4**	**21**
Petro-Canada	98.7%	0.1%	2,062.2	50	2,059.3	39	2.9	212	1,442,501.6	**163,592.5**	**22**
Advantage Oil & Gas Ltd.	98.8%	0.7%	1,757.4	58	1,393.6	65	363.8	47	243,153.9	**141,670.2**	**23**
Enerplus Resources Corporation	96.0%	-3.3%	5,490.8	23	5,270.8	18	220.0	57	347,103.7	**138,872.8**	**24**
Primewest Energy Inc.	97.4%	2.4%	3,548.2	31	3,379.9	29	168.3	69	303,444.5	**138,814.3**	**25**
SUBTOTAL			**434,221.8**		**176,430.8**		**257,791.0**		**44,449,377.7**	**13,574,119.0**	
% OF PROVINCIAL TOTAL			**65.4%**		**48.6%**		**85.6%**		**79.6%**	**78.7%**	

1 Caution is required when comparing to last year's report due to corporate mergers, acquisitions, and divestments.
2 For the Gas Conservation Change column, a blank cell indicates that a value was not reported last year.

OPERATORS WITH LARGEST SOLUTION GAS VENTED VOLUMES IN 2006[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED ($1000\ M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000\ M^3$)	FLARE RANK	GAS VENTED ($1000\ M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000\ M^3$)
Canadian Natural Resources Limited	84.5%	-0.8%	148,127.3	1	13,156.7	4.0	**134,970.6**	**1**	10,034,585.7	957,524.7
Husky Oil Operations Limited	97.7%	0.0%	53,220.7	2	18,997.5	1.0	**34,223.2**	**2**	3,192,964.4	2,286,346.0
Devon Canada	92.8%	-0.5%	38,861.9	3	8,245.4	10.0	**30,616.5**	**3**	2,450,908.5	540,302.5
Bonavista Petroleum Ltd.	91.1%	-3.4%	25,226.6	4	6,250.3	13.0	**18,976.3**	**4**	917,016.3	282,246.9
Talisman Energy Inc.	93.7%	-0.3%	23,938.5	5	16,544.0	3.0	**7,394.5**	**5**	1,290,347.4	382,718.2
Harvest Operations Corp.	90.2%	1.5%	18,990.0	7	12,759.6	5.0	**6,230.4**	**6**	1,658,796.3	193,602.4
Penn West Petroleum Ltd.	96.5%	0.5%	22,794.4	6	16,975.9	2.0	**5,818.5**	**7**	1,569,998.0	649,525.6
Nexen Inc.	61.2%	-5.5%	5,571.5	21	-	336.0	**5,571.5**	**8**	50,762.7	14,374.5
Apache Canada Ltd.	95.4%	1.2%	14,423.8	8	10,005.7	8.0	**4,418.1**	**9**	1,165,357.7	314,879.6
Daylight Energy Ltd.	93.2%	6.3%	8,544.0	12	4,412.6	26.0	**4,131.4**	**10**	312,928.5	125,332.4
ConocoPhillips Canada Resources Corp.	96.0%	-0.9%	11,589.4	11	8,773.1	9.0	**2,816.3**	**11**	570,582.4	292,259.8
Conocophillips Canada Energy Partnership	97.2%		7,273.7	15	4,950.7	21.0	**2,323.0**	**12**	629,465.7	262,766.7
Encana Oil & Gas Partnership	98.6%	0.5%	7,539.6	14	5,380.0	15	**2,159.6**	**13**	4,608,583.6	541,505.6
Culane Energy Corp.	58.8%		2,182.9	46	62.6	226.0	**2,120.3**	**14**	58,052.6	5,304.1
Canetic Resources Inc.	96.8%		12,423.6	9	10,552.6	7.0	**1,871.0**	**15**	1,006,292.2	390,966.5
Signalta Resources Limited	81.9%	3.8%	3,261.9	34	1,477.5	59.0	**1,784.4**	**16**	103,127.8	18,050.5
Enermark Inc.	96.5%	-0.2%	6,593.6	17	4,974.1	20.0	**1,619.5**	**17**	588,131.6	190,785.4
Koch Exploration Canada ULC	2.2%		1,534.7	67	-	336.0	**1,534.7**	**18**	34,194.6	1,568.8
Viking Holdings Inc.	93.1%		4,421.5	30	2,928.3	33.0	**1,493.2**	**19**	262,635.2	64,017.7
Provident Energy Ltd.	96.4%	1.2%	3,157.3	37	1,829.1	50.0	**1,328.2**	**20**	194,059.3	87,150.8
ARC Resources Ltd.	96.7%	-0.6%	11,846.9	10	10,646.3	6.0	**1,200.6**	**21**	1,150,526.2	355,315.6
Northrock Resources Ltd.	92.3%	0.6%	5,453.7	24	4,370.3	27.0	**1,083.4**	**22**	141,950.7	70,461.1
Baytex Energy Ltd.	90.9%	-3.1%	2,991.3	39	1,911.1	44.0	**1,080.2**	**23**	405,362.1	32,776.1
Glencoe Resources Ltd.	78.8%	-15.4%	1,597.4	64	534.7	105.0	**1,062.7**	**24**	6,848.1	7,532.8
Pengrowth Corporation	98.7%	-0.1%	5,028.3	27	4,046.6	28.0	**981.7**	**25**	771,064.0	389,891.9
SUBTOTAL			**446,594.5**		**169,784.7**		**276,809.8**		**33,174,541.6**	**8,457,206.2**
			67.2%		**46.7%**		**91.9%**		**59.4%**	**49.0%**

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PROVINCIAL RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Canadian Natural Resources Limited	84.5%	-0.8%	**148,127.3**	**1**	13,156.7	4	134,970.6	1	10,034,585.7	957,524.7
Husky Oil Operations Limited	97.7%	0.0%	**53,220.7**	**2**	18,997.5	1	34,223.2	2	3,192,964.4	2,286,346.0
Devon Canada	92.8%	-0.5%	**38,861.9**	**3**	8,245.4	10	30,616.5	3	2,450,908.5	540,302.5
Bonavista Petroleum Ltd.	91.1%	-3.4%	**25,226.6**	**4**	6,250.3	13	18,976.3	4	917,016.3	282,246.9
Talisman Energy Inc.	93.7%	-0.3%	**23,938.5**	**5**	16,544.0	3	7,394.5	5	1,290,347.4	382,718.2
Penn West Petroleum Ltd.	96.5%	0.5%	**22,794.4**	**6**	16,975.9	2	5,818.5	7	1,569,998.0	649,525.6
Harvest Operations Corp.	90.2%	1.5%	**18,990.0**	**7**	12,759.6	5	6,230.4	6	1,658,796.3	193,602.4
Apache Canada Ltd.	95.4%	1.2%	**14,423.8**	**8**	10,005.7	8	4,418.1	9	1,165,357.7	314,879.6
Canetic Resources Inc.	96.8%		**12,423.6**	**9**	10,552.6	7	1,871.0	15	1,006,292.2	390,966.5
ARC Resources Ltd.	96.7%	-0.6%	**11,846.9**	**10**	10,646.3	6	1,200.6	21	1,150,526.2	355,315.6
ConocoPhillips Canada Resources Corp.	96.0%	-0.9%	**11,589.4**	**11**	8,773.1	9	2,816.3	11	570,582.4	292,259.8
Daylight Energy Ltd.	93.2%	6.3%	**8,544.0**	**12**	4,412.6	26	4,131.4	10	312,928.5	125,332.4
Celtic Exploration Ltd.	82.2%	-2.1%	**8,200.1**	**13**	7,761.5	11	438.6	43	175,411.0	45,985.3
Encana Oil & Gas Partnership	98.6%	0.5%	**7,539.6**	**14**	5,380.0	15	2,159.6	13	4,608,583.6	541,505.6
Conocophillips Canada Energy Partnership	97.2%		**7,273.7**	**15**	4,950.7	21	2,323.0	12	629,465.7	262,766.7
Blackrock Ventures Inc.	80.3%	-13.8%	**6,940.1**	**16**	6,367.7	12	572.4	34	719,181.7	35,286.4
Enermark Inc.	96.5%	-0.2%	**6,593.6**	**17**	4,974.1	20	1,619.5	17	588,131.6	190,785.4
Burlington Resources Canada Ltd.	97.8%	-0.1%	**5,939.5**	**18**	5,894.4	14	45.1	122	226,441.2	266,155.7
Cyries Energy Inc.	89.0%	-5.1%	**5,711.7**	**19**	5,324.6	17	387.1	46	99,429.2	51,821.4
Enterra Energy Corp.	79.6%	-8.8%	**5,620.1**	**20**	5,353.4	16	266.7	49	230,510.1	27,503.1
Nexen Inc.	61.2%	-5.5%	**5,571.5**	**21**	-	336	5,571.5	8	50,762.7	14,374.5
Compton Petroleum Corporation	95.2%	0.2%	**5,500.6**	**22**	5,067.9	19	432.7	44	295,763.9	113,710.9
Enerplus Resources Corporation	96.0%	-3.3%	**5,490.8**	**23**	5,270.8	18	220.0	57	347,103.7	138,872.8
Northrock Resources Ltd.	92.3%	0.6%	**5,453.7**	**24**	4,370.3	27	1,083.4	22	141,950.7	70,461.1
Nuvista Energy Ltd.	49.8%	3.7%	**5,372.1**	**25**	4,858.9	24	513.2	36	153,902.7	10,702.1
Galleon Energy Inc.	69.1%	-21.9%	**5,143.8**	**26**	4,909.6	22	234.2	55	106,319.5	16,667.6
Pengrowth Corporation	98.7%	-0.1%	**5,028.3**	**27**	4,046.6	28	981.7	25	771,064.0	389,891.9
Zapata Energy Corporation	71.5%	2.1%	**4,872.2**	**28**	4,868.8	23	3.4	210	82,204.0	17,098.4
Crescent Point Resources Ltd.	82.8%	-8.2%	**4,724.5**	**29**	4,677.6	25	46.9	118	136,105.4	27,503.8
Viking Holdings Inc.	93.1%		**4,421.5**	**30**	2,928.3	33	1,493.2	19	262,635.2	64,017.7
Primewest Energy Inc.	97.4%	2.4%	**3,548.2**	**31**	3,379.9	29	168.3	69	303,444.5	138,814.3
Avenir Operating Corp.	46.9%	-5.1%	**3,468.9**	**32**	3,293.7	30	175.2	67	48,841.6	6,527.8
Imperial Oil Resources	99.9%		**3,466.3**	**33**	2,629.7	35	836.6	29	9,369,841.6	3,602,158.2
Signalta Resources Limited	81.9%	3.8%	**3,261.9**	**34**	1,477.5	59	1,784.4	16	103,127.8	18,050.5
Gentry Resources Ltd.	85.6%	-9.3%	**3,211.3**	**35**	3,211.3	31	-	237	63,013.5	22,232.6

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PROVINCIAL RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
EOG Resources Canada Inc.	97.4%	-0.3%	**3,208.3**	**36**	2,570.8	36	637.5	32	101,498.7	123,736.0
Provident Energy Ltd.	96.4%	1.2%	**3,157.3**	**37**	1,829.1	50	1,328.2	20	194,059.3	87,150.8
Atlas Energy Ltd.	87.3%		**3,080.1**	**38**	3,034.2	32	45.9	121	69,672.5	24,167.4
Baytex Energy Ltd.	90.9%	-3.1%	**2,991.3**	**39**	1,911.1	44	1,080.2	23	405,362.1	32,776.1
Anadarko Canada Corporation	96.0%		**2,848.5**	**40**	1,945.1	42	903.4	27	331,610.2	71,277.4
Titan Exploration Ltd.	80.7%	13.7%	**2,726.6**	**41**	2,726.6	34	-	237	21,305.6	14,117.3
Trilogy Energy Ltd.	98.0%	-0.6%	**2,454.8**	**42**	2,280.9	37	173.9	68	255,530.9	120,568.4
Vermilion Resources Ltd.	94.6%	-1.3%	**2,361.3**	**43**	1,897.1	45	464.2	42	183,090.7	43,382.7
Newpact Energy Corp.	5.6%	-4.8%	**2,229.4**	**44**	2,201.3	38	28.1	140	3,873.2	2,360.7
Petrofund Corp.	93.7%		**2,193.3**	**45**	1,249.4	68	943.9	26	113,366.2	34,699.4
Culane Energy Corp.	58.8%		**2,182.9**	**46**	62.6	226	2,120.3	14	58,052.6	5,304.1
Exxonmobil Canada Ltd. And Exxonmobil R	99.4%	0.2%	**2,145.3**	**47**	2,056.9	40	88.4	93	311,231.2	343,513.3
Warburg Resources Inc.	0.0%		**2,092.6**	**48**	2,043.6	41	49.0	117	6,977.6	2,092.6
Breaker Energy Ltd.	85.0%	50.2%	**2,083.1**	**49**	1,591.7	54	491.4	38	44,098.5	13,883.3
Petro-Canada	98.7%	0.1%	**2,062.2**	**50**	2,059.3	39	2.9	212	1,442,501.6	163,592.5
Canadian Forest Oil Ltd.	95.6%	2.0%	**2,042.2**	**51**	1,865.2	49	177.0	65	123,541.0	46,272.8
Ish Energy Ltd.	20.2%	-67.7%	**1,927.7**	**52**	1,927.7	43	-	237	1,394.7	2,414.5
Find Energy Ltd.	83.8%		**1,922.2**	**53**	1,876.2	48	46.0	120	26,094.0	11,901.1
Bearspaw Petroleum Ltd.	88.2%	4.5%	**1,891.0**	**54**	1,891.0	46	-	237	100,894.5	15,961.5
Cold Creek Resources Ltd.	0.0%		**1,877.3**	**55**	1,877.3	47	-	237	1,102.1	1,877.3
Rife Resources Ltd.	97.5%	0.4%	**1,781.6**	**56**	1,108.0	76	673.6	31	182,525.2	71,177.9
Provident Acquisitions L.P.	90.3%	-0.3%	**1,760.3**	**57**	1,739.0	51	21.3	159	54,090.2	18,117.1
Advantage Oil & Gas Ltd.	98.8%	0.7%	**1,757.4**	**58**	1,393.6	65	363.8	47	243,153.9	141,670.2
Bow Valley Energy Ltd.	50.9%	0.2%	**1,735.3**	**59**	1,632.9	53	102.4	88	16,339.2	3,534.4
Shiningbank Energy Ltd.	98.1%	0.9%	**1,674.3**	**60**	1,638.4	52	35.9	129	49,815.4	87,858.5
Hunt Oil Company Of Canada, Inc.	98.5%	0.7%	**1,648.9**	**61**	1,472.5	60	176.4	66	129,649.4	108,461.8
NAL Resources Limited	99.5%	-0.1%	**1,616.5**	**62**	1,199.8	72	416.7	45	311,585.5	348,482.1
Esprit Exploration Ltd.	96.4%	-2.2%	**1,602.9**	**63**	1,441.2	61	161.7	71	76,811.2	44,878.9
Glencoe Resources Ltd.	78.8%	-15.4%	**1,597.4**	**64**	534.7	105	1,062.7	24	6,848.1	7,532.8
Grand Petroleum Inc.	92.4%	10.9%	**1,586.5**	**65**	1,519.2	57	67.3	108	71,173.2	21,013.0
Vero Energy Inc.	29.8%	24.1%	**1,558.7**	**66**	1,558.7	55	-	237	3,055.5	2,221.2
Koch Exploration Canada ULC	2.2%		**1,534.7**	**67**	-	336	1,534.7	18	34,194.6	1,568.8
Paramount Resources Ltd.	93.2%	-3.2%	**1,531.7**	**68**	1,519.3	56	12.4	178	39,569.0	22,684.6
Sequoia Oil & Gas Ltd.	81.7%		**1,499.0**	**69**	1,499.0	58	-	237	50,427.3	8,211.7
Tristar Oil & Gas Ltd.	95.2%		**1,461.8**	**70**	1,435.6	62	26.2	147	55,464.5	30,423.6

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PROVINCIAL RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M³)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M³)	FLARE RANK	GAS VENTED (1000 M³)	VENT RANK	OIL PROD (M³)	SOL'N GAS PROD (1000 M³)
Real Resources	97.2%	1.7%	**1,425.6**	**71**	1,269.5	67	156.1	73	174,831.5	50,426.4
Navigo Energy Inc.	87.9%		**1,409.4**	**72**	1,409.4	63	-	237	59,601.8	11,673.0
Shell Canada Energy	77.5%		**1,407.8**	**73**	1,403.5	64	4.3	204	105,939.4	6,263.9
Milestone Exploration Inc	69.3%		**1,352.9**	**74**	1,352.9	66	-	237	15,876.9	4,413.0
Shell Canada Limited	96.4%	0.5%	**1,334.5**	**75**	1,219.2	69	115.3	82	436,597.9	36,577.8
Fairborne Energy Ltd.	97.6%	-0.4%	**1,214.5**	**76**	1,214.5	70	-	237	150,263.6	49,685.1
Valiant Energy Inc.	86.9%		**1,210.0**	**77**	1,209.9	71	0.1	236	28,317.2	9,266.5
Gladius Energy Inc.	0.0%		**1,169.1**	**78**	1,169.1	73	-	237	1,695.0	1,169.1
Arcan Resources Ltd.	84.9%	74.1%	**1,165.6**	**79**	1,094.0	78	71.6	105	22,150.5	7,725.3
Endev Energy Inc.	30.9%		**1,163.9**	**80**	1,139.7	75	24.2	150	10,448.7	1,685.4
Standard Energy Inc.	2.6%		**1,152.1**	**81**	1,152.1	74	-	237	2,006.2	1,182.4
Enterra Production Corp.	87.1%		**1,106.6**	**82**	1,106.6	77	-	237	23,732.9	8,558.8
Drumlin Energy Corp.	0.0%		**1,097.1**	**83**	197.1	172	900.0	28	11,181.4	1,097.1
Barnwell of Canada, Limited	70.9%	-18.8%	**1,070.7**	**84**	1,070.7	79	-	237	17,785.5	3,679.4
Fortune Energy Inc.	32.2%	15.3%	**1,054.2**	**85**	953.0	84	101.2	90	40,799.5	1,555.9
Mission Oil & Gas Inc.	84.3%	10.6%	**1,052.8**	**86**	1,031.4	83	21.4	158	30,360.1	6,716.4
Japan Canada Oil Sands Limited	79.8%	2.2%	**1,049.3**	**87**	1,049.3	80	-	237	447,023.1	5,183.4
Stylus Energy Inc.	91.1%	24.3%	**1,039.3**	**88**	1,039.3	81	-	237	12,646.5	11,667.9
Peerless Oil & Gas Inc.	76.8%		**1,036.2**	**89**	1,036.2	82	-	237	11,673.1	4,460.3
Thunder Energy Inc.	98.5%	0.1%	**1,025.5**	**90**	479.5	112	546.0	35	224,955.4	69,379.8
C1 Energy Ltd.	18.9%	-65.9%	**970.6**	**91**	486.6	111	484.0	40	15,974.6	1,196.9
High Plains Energy Inc.	76.3%		**911.4**	**92**	859.1	86	52.3	116	13,888.5	3,839.0
Samson Canada, Ltd.	94.4%	2.3%	**908.6**	**93**	684.4	98	224.2	56	9,054.6	16,163.1
Ravenwood Energy Corp.	73.6%	56.3%	**903.9**	**94**	903.9	85	-	237	14,911.6	3,417.4
Rider Resources Ltd.	84.8%	-5.0%	**877.7**	**95**	698.0	96	179.7	62	20,937.6	5,762.9
Bonterra Energy Corp.	95.0%	1.2%	**853.9**	**96**	260.4	157	593.5	33	57,773.0	16,980.6
Hornet Energy Ltd.	91.8%	-7.1%	**844.1**	**97**	844.1	87	-	237	9,609.8	10,300.4
Rival Energy Ltd.	75.9%	9.0%	**832.5**	**98**	832.5	88	-	237	29,240.3	3,456.8
Churchill Energy Inc.	7.6%		**822.1**	**99**	820.5	89	1.6	221	8,027.6	889.4
Exalta Energy Inc	97.6%	2.3%	**809.2**	**100**	771.0	91	38.2	127	38,956.5	33,912.0
Dominion Exploration Canada Ltd.	97.3%	0.0%	**805.8**	**101**	782.0	90	23.8	151	151,910.5	29,395.9
Sutton Energy Ltd.	0.0%	-4.9%	**764.7**	**102**	764.7	92	-	237	2,735.0	764.7
Temple Energy Inc.	0.0%		**752.4**	**103**	752.4	93	-	237	464.5	752.4
Duvernay Oil Corp.	98.7%	-1.2%	**739.1**	**104**	739.1	94	-	237	29,054.1	57,090.9
Platform Resources Inc.	42.2%	-13.5%	**726.5**	**105**	726.5	95	-	237	3,372.3	1,257.1

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PROVINCIAL RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Skylight Energy Resources Ltd.	83.1%	-3.4%	**726.3**	**106**	21.8	274	704.5	30	6,721.1	4,288.0
Comstate Resources Ltd.	97.2%		**724.5**	**107**	235.5	162	489.0	39	56,909.3	26,262.6
Vault Energy Inc.	99.3%	-0.2%	**717.0**	**108**	640.1	99	76.9	99	125,690.5	98,881.7
Canex Energy Inc.	90.5%		**693.8**	**109**	693.8	97	-	237	20,131.1	7,301.1
Birchcliff Energy Ltd.	93.4%	29.2%	**668.8**	**110**	509.8	107	159.0	72	13,500.2	10,178.6
Capitol Energy Resources Ltd.	97.9%	12.5%	**618.5**	**111**	616.1	100	2.4	215	131,527.3	29,382.4
Zargon Oil & Gas Ltd.	92.2%	-2.6%	**583.6**	**112**	583.6	101	-	237	39,107.3	7,498.4
Delphi Energy Corp.	79.9%	7.0%	**577.2**	**113**	503.8	108	73.4	102	27,669.9	2,867.9
Storm Exploration Inc.	2.9%		**576.2**	**114**	381.9	124	194.3	59	28,944.0	593.4
SET Resources Inc.	90.1%		**571.1**	**115**	570.9	102	0.2	235	28,787.7	5,763.3
Canadian Superior Energy Inc.	97.1%	-2.7%	**557.4**	**116**	291.2	143	266.2	50	29,757.3	19,241.9
Tusk Energy Corporation	95.0%	15.7%	**545.3**	**117**	545.3	103	-	237	47,603.3	11,014.6
ACC-CNR Resources Corporation	96.1%		**545.2**	**118**	364.0	129	181.2	61	62,717.1	14,145.9
Caribou Resources Corp.	91.9%		**537.1**	**119**	452.1	117	85.0	96	33,666.5	6,663.3
Twin Butte Energy Ltd.	97.5%		**535.7**	**120**	535.7	104	-	237	12,725.1	21,827.6
Rock Energy Ltd.	88.2%	-3.3%	**533.7**	**121**	27.4	262	506.3	37	39,316.7	4,533.2
Sawtooth International Resources Inc.	39.8%		**523.3**	**122**	523.3	106	-	237	8,721.2	869.4
Coastal Resources Limited	86.2%	7.6%	**510.7**	**123**	478.8	113	31.9	135	24,950.0	3,708.8
Grey Wolf Exploration Inc.	96.6%	-2.0%	**503.7**	**124**	503.7	109	-	237	17,951.5	14,600.1
Chamaelo Exploration Ltd.	98.8%	-0.4%	**490.4**	**125**	406.7	121	83.7	98	63,457.6	42,545.9
Defiant Resources Corporation	95.1%	19.8%	**489.2**	**126**	489.2	110	-	237	14,374.1	10,040.9
Horseshoe Bay Resources Limited	0.0%		**473.5**	**127**	473.5	114	-	237	1,004.3	473.5
FET Resources Ltd.	91.2%	4.6%	**473.4**	**128**	361.7	130	111.7	83	34,471.0	5,366.4
Athlone Energy Ltd.	0.0%		**466.7**	**129**	-	336	466.7	41	11,108.3	466.7
Compass Petroleum Inc.	83.6%	-0.7%	**463.5**	**130**	405.5	122	58.0	112	28,990.7	2,827.6
Response Energy Corporation	78.9%	-6.4%	**461.0**	**131**	461.0	115	-	237	12,274.9	2,186.4
Rolling Thunder Exploration Ltd.	96.1%		**454.1**	**132**	454.1	116	-	237	15,373.7	11,696.9
Geocan Energy Inc.	43.7%	-31.1%	**432.8**	**133**	185.8	176	247.0	54	14,136.5	768.4
Progress Energy Ltd.	98.9%	0.8%	**424.9**	**134**	282.8	147	142.1	75	36,683.4	38,550.9
Breakside Energy Ltd.	48.4%		**424.1**	**135**	292.5	142	131.6	79	8,667.7	821.8
Revolve Energy Inc.	70.4%	-27.5%	**415.9**	**136**	415.9	118	-	237	3,673.4	1,405.4
Adamant Energy Inc.	75.6%		**413.6**	**137**	413.6	119	-	237	3,486.7	1,694.7
Burmis Energy Inc.	0.0%		**412.2**	**138**	412.2	120	-	237	484.1	412.2
Blue Mountain Energy Ltd.	92.2%		**411.5**	**139**	305.9	137	105.6	86	8,388.8	5,263.8
Trafina Energy Ltd.	0.0%		**402.3**	**140**	402.3	123	-	237	1,807.8	402.3

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CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Berens Energy Ltd.	85.0%		**397.8**	**141**	376.6	126	21.2	160	6,911.4	2,646.8
Drilcorp Energy Ltd.	97.2%		**387.4**	**142**	380.6	125	6.8	195	6,672.6	13,972.3
Winstar Resources Ltd.	62.3%	-7.8%	**375.9**	**143**	322.7	134	53.2	115	7,009.2	997.5
1010100 Alberta Corporation	0.0%		**372.8**	**144**	372.8	127	-	237	295.2	372.8
Peregrine Energy Ltd.	59.1%		**371.5**	**145**	368.9	128	2.6	214	12,661.1	908.4
Yoho Resources Inc.	80.6%		**358.8**	**146**	358.8	131	-	237	1,760.3	1,848.5
Seneca Energy Canada Inc.	99.3%	0.2%	**355.0**	**147**	299.6	141	55.4	114	25,136.5	49,783.6
Enerplus Oil & Gas Ltd.	86.5%	-1.7%	**342.7**	**148**	335.8	132	6.9	194	4,167.2	2,541.6
Crew Energy Partnership	93.0%		**333.3**	**149**	333.3	133	-	237	3,926.6	4,730.9
Fairmount Energy Inc.	0.0%		**321.7**	**150**	321.7	135	-	237	405.9	321.7
BP Canada Energy Company	99.8%	0.0%	**317.3**	**151**	287.9	145	29.4	139	18,030.4	175,035.4
Mancal Energy Inc.	91.5%	7.1%	**315.6**	**152**	275.2	150	40.4	126	37,660.3	3,701.5
Primewest Gas Corp.	97.0%		**315.3**	**153**	289.0	144	26.3	146	14,916.7	10,592.7
Paramount Energy Operating Corp.	88.5%	-10.6%	**310.2**	**154**	310.2	136	-	237	4,606.9	2,700.7
97837 Resources Ltd.	38.6%	3.8%	**305.3**	**155**	304.1	139	1.2	225	1,373.2	497.3
Bear Ridge Resources Ltd.	62.4%	-37.6%	**304.4**	**156**	304.4	138	-	237	7,923.5	808.9
Petrobank Energy And Resources Ltd.	96.7%	0.5%	**303.0**	**157**	281.5	148	21.5	157	11,080.3	9,079.2
Milagro Energy Inc.	88.6%	27.2%	**302.1**	**158**	302.1	140	-	237	4,380.8	2,644.2
Sifton Energy Inc.	92.9%	1.6%	**301.0**	**159**	286.2	146	14.8	173	11,779.0	4,269.0
Baseline Oil & Gas Inc.	0.0%		**297.6**	**160**	-	336	297.6	48	1,199.0	297.6
Assure Energy, Inc.	82.5%	24.6%	**291.8**	**161**	141.5	188	150.3	74	23,923.3	1,663.3
True Energy Inc.	99.2%	15.9%	**290.0**	**162**	216.9	169	73.1	103	14,968.6	38,013.7
Whitehall Energy Ltd.	0.0%		**288.6**	**163**	264.9	156	23.7	152	4,703.1	288.6
Leddy Exploration Limited	91.1%	0.4%	**287.2**	**164**	244.7	160	42.5	124	13,773.1	3,215.3
Primary Petroleum Corporation	0.0%		**280.4**	**165**	280.4	149	-	237	422.9	280.4
Emm Energy Inc.	77.8%	20.7%	**277.9**	**166**	20.2	277	257.7	51	7,794.8	1,252.3
Petro-Reef Resources Ltd.	0.0%		**274.9**	**167**	274.9	151	-	237	1,257.4	274.9
Anderson Energy Ltd.	92.0%	10.6%	**273.6**	**168**	267.3	154	6.3	196	18,192.4	3,400.0
E4 Energy Inc.	1.4%		**269.2**	**169**	269.2	152	-	237	5,043.7	273.0
Questerre Beaver River Inc.	4.0%		**268.1**	**170**	268.1	153	-	237	2,580.3	279.4
Sphere Energy Corp.	1.2%	-1.4%	**267.3**	**171**	240.2	161	27.1	144	1,401.0	270.6
Sword Energy Limited	89.2%		**266.2**	**172**	266.2	155	-	237	9,785.2	2,469.3
1107567 Alberta Ltd.	94.0%		**259.8**	**173**	259.8	158	-	237	10,824.2	4,336.1
Clear Energy Inc.	97.3%	0.7%	**257.8**	**174**	257.3	159	0.5	232	31,053.6	9,581.3
Kingsmere Exploration Ltd.	0.0%		**256.9**	**175**	-	336	256.9	52	8,799.7	256.9

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COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Racing Resources Ltd.	34.4%		**252.6**	**176**	227.1	167	25.5	149	2,860.9	385.0
101016077 Saskatchewan Ltd.	0.0%		**250.8**	**177**	-	336	250.8	53	2,008.2	250.8
Saffron Energy Ltd.	53.6%	-5.5%	**250.8**	**177**	-	336	250.8	53	3,686.9	540.1
Choice Resources Corp.	94.3%	87.0%	**250.3**	**178**	230.3	165	20.0	162	1,886.8	4,378.1
Provident Acquisitions Inc.	96.1%	3.1%	**247.6**	**179**	229.6	166	18.0	164	13,327.8	6,416.2
Montello Resources Ltd.	70.7%		**235.0**	**180**	235.0	163	-	237	2,544.1	803.3
Path Resources Ltd.	23.9%	16.2%	**234.9**	**181**	234.9	164	-	237	1,582.7	308.5
International Sovereign Energy Corp.	23.1%	6.0%	**232.1**	**182**	98.7	203	133.4	76	6,143.7	301.9
Highpine Oil & Gas Limited	99.6%	1.0%	**231.4**	**183**	200.4	171	31.0	137	246,835.9	52,244.2
Prairie Schooner Petroleum Ltd.	99.0%		**225.1**	**184**	35.7	249	189.4	60	6,648.4	22,929.6
Arsenal Energy Inc.	92.7%	-1.5%	**224.7**	**185**	155.1	181	69.6	107	32,349.1	3,080.1
Seeker Petroleum Ltd.	0.0%		**220.5**	**186**	220.5	168	-	237	856.6	220.5
Onyx Oil & Gas Ltd.	97.0%		**210.6**	**187**	210.6	170	-	237	3,067.9	6,917.0
Iteration Energy Ltd.	0.0%		**199.3**	**188**	-	336	199.3	58	2,714.4	199.3
Ketch Resources Ltd.	98.4%		**196.2**	**189**	64.2	223	132.0	77	40,378.7	12,172.9
Wolf Coulee Resources Inc.	3.3%	-8.7%	**196.1**	**190**	196.1	173	-	237	1,469.1	202.7
Petenco Resources Ltd.	86.5%	0.6%	**192.9**	**191**	192.9	174	-	237	1,292.1	1,425.9
Deep Resources Ltd.	14.6%		**188.8**	**192**	188.8	175	-	237	1,592.3	221.2
Rise Resources Corp.	87.0%	2.9%	**178.0**	**193**	-	336	178.0	63	5,479.6	1,365.2
Cangild Resources Ltd.	0.0%		**177.8**	**194**	-	336	177.8	64	412.4	177.8
Masters Energy Inc.	94.9%	4.7%	**174.3**	**195**	83.1	214	91.2	92	46,080.3	3,409.6
1065117 Alberta Ltd.	95.8%		**172.9**	**196**	157.9	180	15.0	172	13,535.6	4,100.1
Diamond Tree Resources Ltd.	99.3%		**169.8**	**197**	49.8	236	120.0	81	17,728.1	23,617.4
RSX Energy Inc.	95.7%	10.6%	**165.4**	**198**	165.2	177	0.2	235	8,675.3	3,810.1
Transglobe Energy Corporation	97.8%	2.2%	**164.6**	**199**	150.3	184	14.3	175	9,867.1	7,372.7
Anterra Resources Inc.	90.1%	-4.4%	**164.1**	**200**	35.4	250	128.7	80	8,561.8	1,655.5
Blaze Energy Ltd.	96.0%	-4.0%	**163.8**	**201**	163.8	178	-	237	741.0	4,087.5
Tandem Energy Corporation	63.3%		**163.7**	**202**	-	336	163.7	70	698.9	446.6
Wilderness Energy Corp.	0.0%	-42.4%	**162.4**	**203**	162.4	179	-	237	1,705.5	162.4
Raven Energy Ltd.	18.5%		**151.9**	**204**	151.9	182	-	237	261.1	186.3
Alban Energy Ltd.	0.0%		**151.8**	**205**	151.8	183	-	237	296.0	151.8
Eastshore Energy Ltd.	89.2%	34.7%	**144.2**	**206**	144.2	185	-	237	4,918.7	1,337.6
Royal Quest Resources Ltd.	45.4%	-7.2%	**144.0**	**207**	80.7	215	63.3	110	2,675.1	263.5
Ramier Resources Ltd.	0.0%		**142.7**	**208**	142.7	186	-	237	3,437.9	142.7
Grizzly Resources Ltd.	0.0%		**142.6**	**209**	142.6	187	-	237	245.6	142.6

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Independent Energy Ltd.	3.9%		**137.3**	**210**	137.3	189	-	237	902.7	142.8
Vanquish Oil & Gas Corporation	50.0%	12.8%	**133.9**	**211**	133.9	190	-	237	3,329.2	267.9
Timberrock Energy Corp.	0.0%		**132.5**	**212**	131.4	191	1.1	226	471.3	132.5
Dark Energy Ltd.	69.0%	10.2%	**131.7**	**213**	-	336	131.7	78	6,271.2	424.9
Onefour Energy Ltd.	40.6%		**130.7**	**214**	106.9	199	23.8	151	9,949.6	220.2
ConocoPhillips Canada Limited	97.4%	0.2%	**127.1**	**215**	117.4	193	9.7	188	6,830.8	4,926.3
Mec Operating Company	99.4%	-0.6%	**125.5**	**216**	67.3	222	58.2	111	79,699.3	20,886.9
Aztek Energy Ltd.	46.5%	-6.7%	**124.6**	**217**	124.6	192	-	237	1,253.6	233.0
Great Plains Exploration Inc.	71.0%	24.3%	**123.6**	**218**	38.0	243	85.6	95	17,313.2	426.7
Redcliffe Energy Ltd	61.5%		**120.3**	**219**	115.7	195	4.6	203	2,079.0	312.2
Trafalgar Energy Ltd.	86.0%		**116.6**	**220**	116.6	194	-	237	1,662.6	831.4
Band Energy Resources Ltd.	31.2%	13.0%	**116.5**	**221**	100.8	201	15.7	170	261.3	169.4
Dirham Construction Ltd.	0.0%		**115.7**	**222**	115.7	195	-	237	285.9	115.7
Endev Exploration Ltd.	42.0%		**115.2**	**223**	94.5	206	20.7	161	1,740.8	198.6
Berland Exploration Ltd.	42.7%		**113.6**	**224**	113.6	196	-	237	347.5	198.1
Pilot Energy Ltd.	69.9%	27.9%	**113.5**	**225**	11.7	295	101.8	89	12,973.8	376.5
Harvest Bel Inc.	99.3%		**111.5**	**226**	109.1	198	2.4	215	8,723.0	15,163.2
Kereco Energy Ltd.	99.9%	0.4%	**110.4**	**227**	110.4	197	-	237	183,415.5	83,897.7
Shanpet Resources Ltd.	92.8%	7.9%	**109.8**	**228**	-	336	109.8	84	2,154.3	1,523.7
Derrick Petroleum Ltd.	76.7%	-18.5%	**107.9**	**229**	-	336	107.9	85	1,629.1	462.4
Suncor Energy Inc.	99.5%	0.9%	**106.8**	**230**	90.5	209	16.3	168	18,889.5	20,996.8
Kaiser Exploration Ltd.	74.0%	-26.0%	**103.1**	**231**	-	336	103.1	87	764.5	396.3
Mato Inc.	94.2%	-2.9%	**102.3**	**232**	102.3	200	-	237	809.3	1,764.9
Cenirica Canada Limited	97.7%	-2.1%	**99.5**	**233**	87.5	211	12.0	179	5,664.7	4,338.9
Detector Exploration Ltd.	0.0%		**99.4**	**234**	99.4	202	-	237	1,722.7	99.4
Slate Energy Inc.	62.0%	9.2%	**95.5**	**235**	95.5	204	-	237	655.9	251.5
Stride Energy Ltd.	5.6%		**95.2**	**236**	95.2	205	-	237	1,324.1	100.8
Bountiful Resources Inc.	84.7%	77.8%	**92.7**	**237**	92.7	207	-	237	1,350.9	605.4
Jayhawk Resources Ltd.	0.0%		**92.2**	**238**	92.2	208	-	237	198.5	92.2
Dantel Resources Ltd.	0.0%		**92.1**	**239**	-	336	92.1	91	55.4	92.1
Golden Eagle Energy Inc.	0.0%		**89.5**	**240**	89.5	210	-	237	247.9	89.5
Open Range Energy Corp.	91.2%	17.9%	**88.2**	**241**	-	336	88.2	94	706.8	1,001.1
Ranger Canyon Energy Inc.	0.0%		**87.0**	**242**	87.0	212	-	237	341.8	87.0
Owl River Resources Ltd.	93.4%	9.5%	**85.5**	**243**	85.5	213	-	237	1,229.2	1,297.6
Concerto Resources Ltd.	36.9%	-4.0%	**84.1**	**244**	-	336	84.1	97	642.3	133.3

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PROVINCIAL RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M³)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M³)	FLARE RANK	GAS VENTED (1000 M³)	VENT RANK	OIL PROD (M³)	SOL'N GAS PROD (1000 M³)
Rustum Petroleums Limited	0.0%		**80.1**	**245**	80.1	216	-	237	3,447.2	80.1
King Energy Inc.	96.5%	-1.1%	**77.5**	**246**	7.9	304	69.6	107	13,956.9	2,208.3
Halvar Resources Ltd.	63.0%	12.8%	**77.4**	**247**	77.4	217	-	237	9,975.2	209.2
Sogar Resources Ltd.	97.9%	-0.9%	**75.9**	**248**	-	336	75.9	100	6,116.4	3,574.8
Drake Pacific Enterprises Ltd.	0.0%		**75.0**	**249**	75.0	218	-	237	959.2	75.0
Alexander Oilfield Services Ltd.	53.5%	2.6%	**74.4**	**250**	-	336	74.4	101	493.0	159.9
South Ridge Management Ltd.	0.0%		**73.4**	**251**	73.4	219	-	237	467.5	73.4
Mystique Energy, Inc.	99.1%	0.5%	**73.0**	**252**	50.9	234	22.1	155	7,950.8	8,365.3
Mo's Supervising & Consulting Ltd.	0.0%		**72.6**	**253**	-	336	72.6	104	256.0	72.6
Berry Creek Resources Inc.	88.8%	-7.5%	**72.4**	**254**	72.4	220	-	237	245.6	645.8
Westbow Energy Inc.	96.5%	1.7%	**71.0**	**255**	-	336	71.0	106	4,161.0	2,039.4
AltaGas Ltd.	98.7%	-1.3%	**70.9**	**256**	70.9	221	-	237	1,570.7	5,542.3
Enerplus Commercial Trust	99.8%		**69.4**	**257**	22.6	272	46.8	119	31,245.5	32,708.6
Ribbon Creek Resources Inc.	97.7%	0.6%	**64.8**	**258**	37.1	245	27.7	141	4,240.9	2,875.1
Ridal Resource Ltd.	0.0%		**64.2**	**259**	-	336	64.2	109	1,947.9	64.2
Alpetro Resources Ltd.	98.9%	7.7%	**62.8**	**260**	62.8	224	-	237	940.7	5,621.9
Cabrerra Resources Ltd.	0.2%		**62.7**	**261**	62.7	225	-	237	5,597.9	62.8
Costa Energy Inc.	0.0%		**62.6**	**262**	62.6	226	-	237	955.8	62.6
PMC (Nova Scotia) Company	0.0%		**61.6**	**263**	61.6	227	-	237	-	-
Fox Creek Petroleum Corp.	93.5%	-2.9%	**61.2**	**264**	61.2	228	-	237	5,042.0	935.9
Tripoint Energy Ltd.	77.2%		**60.4**	**265**	60.4	229	-	237	748.9	265.3
Jaco Energy Limited	90.7%	-1.0%	**60.2**	**266**	60.2	230	-	237	5,055.4	649.4
Auriga Energy Inc.	99.4%		**57.8**	**267**	22.6	272	35.2	130	20,937.9	9,531.9
Oakmont Energy Ltd.	58.1%	0.6%	**57.6**	**268**	57.6	231	-	237	3,526.1	137.5
Canalta Energy Corporation	0.0%		**57.5**	**269**	-	336	57.5	113	91.3	57.5
Hygait Resources Ltd.	0.0%		**56.9**	**270**	56.9	232	-	237	216.1	56.9
Cork Exploration Inc.	89.4%		**55.2**	**271**	55.2	233	-	237	553.8	522.4
Trilogy Blue Mountain Ltd.	91.4%		**55.2**	**271**	50.1	235	5.1	200	1,405.7	643.1
Ballater Resources Ltd.	89.9%	-2.6%	**51.2**	**272**	24.8	268	26.4	145	2,594.6	505.1
Bunker Energy Inc.	11.7%		**46.0**	**273**	18.6	279	27.4	143	422.1	52.1
Kinuso Mercantile Ltd.	50.9%	-47.0%	**45.8**	**274**	37.0	246	8.8	190	1,714.8	93.2
Pure Oil & Gas Co Ltd	97.3%		**44.9**	**275**	44.9	237	-	237	948.1	1,656.0
EnerNorth Industries Inc.	0.0%		**43.8**	**276**	9.9	301	33.9	132	346.0	43.8
Cruiser Oil & Gas Ltd.	50.0%		**42.7**	**277**	-	336	42.7	123	262.1	85.4
Samson Calahoo Petroleum Ltd.	0.0%		**42.3**	**278**	42.3	238	-	237	396.3	42.3

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CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
C2 Energy Inc.	26.7%	-4.1%	**42.2**	**279**	42.2	239	-	237	654.0	57.6
Tiverton Petroleums Ltd.	96.3%		**41.9**	**280**	41.5	240	0.4	233	2,073.0	1,136.5
Devexco Resources Ltd.	5.5%		**41.6**	**281**	1.0	328	40.6	125	1,071.1	44.0
Samson Canada Production Ltd.	97.9%		**41.4**	**282**	37.7	244	3.7	208	473.8	1,955.2
Brand S Resources Ltd.	0.0%		**40.6**	**283**	33.1	254	7.5	192	290.6	40.6
Magnus One Energy Corp.	69.1%		**40.4**	**284**	40.4	241	-	237	310.4	130.9
Greyhawke Resources Ltd.	49.9%		**39.7**	**285**	34.9	251	4.8	201	2,013.0	79.3
Optimus Energy Limited	0.0%		**38.5**	**286**	38.5	242	-	237	303.5	38.5
Rockyview Energy Partnership	98.1%	0.9%	**37.6**	**287**	10.0	300	27.6	142	2,535.4	2,007.8
Sierra Vista Energy Ltd.	95.7%		**36.7**	**288**	15.2	285	21.5	157	1,083.4	852.7
Trimox Energy Inc.	99.8%		**36.6**	**289**	36.6	247	-	237	9,498.9	18,609.8
Fair Sky Resources Inc.	0.0%	-46.4%	**36.5**	**290**	-	336	36.5	128	3,119.7	36.5
Terra Energy Corp.	67.4%	17.5%	**36.5**	**290**	36.5	248	-	237	2,360.1	111.9
Dual Exploration Inc.	97.5%		**35.7**	**291**	34.8	252	0.9	228	8,179.6	1,435.3
Petroglobe Inc.	0.0%		**35.6**	**292**	29.4	260	6.2	197	71.3	35.6
Pocaterra Energy Inc.	94.3%		**35.0**	**293**	34.8	252	0.2	235	4,300.5	611.8
Glamis Resources Ltd.	81.1%		**34.7**	**294**	-	336	34.7	131	1,680.8	183.5
Creo Energy Ltd.	0.0%		**34.6**	**295**	34.6	253	-	237	620.9	34.6
Diaz Resources Ltd.	99.5%	2.8%	**33.4**	**296**	31.7	256	1.7	220	3,845.8	6,650.0
New North Resources Ltd.	0.0%	-9.0%	**33.0**	**297**	33.0	255	-	237	1,064.8	33.0
Barcomp Petroleum Ltd.	0.0%		**32.8**	**298**	-	336	32.8	133	8,936.0	32.8
Indra Oil & Gas Ltd.	0.0%		**32.7**	**299**	26.6	266	6.1	198	2,199.2	32.7
Scollard Energy Inc.	0.0%		**32.4**	**300**	-	336	32.4	134	1,923.2	32.4
New Century Petroleum Corporation	74.6%	9.2%	**31.8**	**301**	30.0	259	1.8	219	8,426.4	125.3
Gold Ridge Investments Corporation	0.0%		**31.5**	**302**	-	336	31.5	136	158.1	31.5
Four Winds Energy Services Ltd.	0.0%		**31.0**	**303**	31.0	257	-	237	1,771.7	31.0
Primrose Drilling Ventures Ltd.	97.4%	-2.6%	**31.0**	**303**	31.0	257	-	237	549.9	1,179.0
Surat Energy Inc.	95.6%	-2.4%	**31.0**	**303**	31.0	257	-	237	1,522.8	698.6
Zenas Energy Corp.	99.6%		**30.9**	**304**	30.9	258	-	237	29,668.6	7,426.8
Silver Blaze Energy Ltd.	87.9%	-1.8%	**30.1**	**305**	-	336	30.1	138	1,695.9	249.0
Ramparts Energy Ltd.	97.8%	2.4%	**28.9**	**306**	28.9	261	-	237	2,520.8	1,313.4
Trifecta Resources Corp.	97.6%		**27.1**	**307**	27.1	263	-	237	2,839.7	1,129.1
Sure Energy Inc.	0.0%		**26.8**	**308**	26.8	264	-	237	86.5	26.8
Cal-Ranch Resources Inc.	0.0%	-25.5%	**26.7**	**309**	26.7	265	-	237	447.3	26.7
Dagur Resources Inc.	0.0%		**25.9**	**310**	-	336	25.9	148	5,199.8	25.9

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PROVINCIAL RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Orleans Oil & Gas Inc.	99.4%		25.8	311	25.8	267	-	237	4,524.2	4,329.2
Oryx Energy Inc.	96.9%		24.6	312	24.6	269	-	237	69.5	795.2
545279 Alberta Limited	0.0%		23.6	313	1.1	327	22.5	154	225.7	23.6
C & T Resources Ltd	92.8%		23.5	314	23.5	270	-	237	620.0	327.0
Artek Exploration Ltd.	98.2%		23.3	315	23.3	271	-	237	2,230.5	1,281.4
Trilogy Redsky Ltd.	99.7%		23.3	315	-	336	23.3	153	4,424.7	8,183.1
Mika Resources Ltd	97.6%	-0.8%	22.0	316	22.0	273	-	237	270.3	927.4
Kick Energy Corporation	99.9%		21.8	317	2.6	320	19.2	163	28,373.2	14,682.4
The Buffalo Oil Corporation	99.6%	33.6%	21.8	317	-	336	21.8	156	69,021.5	5,010.1
439 Acquisition Corp.	0.0%		21.3	318	21.3	275	-	237	328.5	21.3
Artemis Exploration Inc.	34.8%		21.2	319	20.2	277	1.0	227	4,306.2	32.5
Lario Oil & Gas Company	99.6%	2.8%	21.2	319	4.1	313	17.1	166	28,526.0	5,948.4
KVR Resources Ltd.	0.0%		20.6	320	20.6	276	-	237	34.5	20.6
Predator Exploration Ltd.	99.2%	0.1%	19.9	321	19.9	278	-	237	4,239.5	2,401.3
Teague Exploration Inc.	68.3%	35.7%	19.8	322	15.1	286	4.7	202	4,098.3	62.5
Morpheus Energy Corporation	99.8%	1.5%	18.6	323	18.6	279	-	237	3,694.0	7,728.2
Watch Resources Ltd.	0.0%		17.9	324	7.0	308	10.9	183	2,554.9	17.9
Pavilion Energy Corp.	14.4%		17.8	325	17.2	280	0.6	231	442.5	20.8
Tri-Ment Corporation Ltd.	34.0%	16.0%	17.5	326	-	336	17.5	165	-	26.5
Taku Gas Limited	93.6%	-6.4%	16.9	327	-	336	16.9	167	9,319.8	262.2
Beaver Lake Resources Corporation	0.0%		16.8	328	16.8	281	-	237	561.7	16.8
Trend Resources Corporation	79.1%	26.6%	16.7	329	15.9	282	0.8	229	173.1	80.0
Benjaka Exploration Inc.	93.2%	16.4%	16.2	330	-	336	16.2	169	528.6	238.7
Tiger-Cat Energy Ltd.	0.0%		15.8	331	15.8	283	-	237	204.7	15.8
Terra Rica Resources Ltd.	50.0%		15.6	332	-	336	15.6	171	106.7	31.2
Avondale Energy Inc.	96.1%		15.5	333	15.5	284	-	237	2.3	400.3
Brazeau NRG Ltd.	97.4%	4.3%	15.0	334	15.0	287	-	237	681.6	578.2
Yangarra Resources Corp.	16.8%		14.9	335	14.9	288	-	237	163.1	17.9
Hard Rock Resources Ltd.	91.5%	-2.6%	14.4	336	-	336	14.4	174	1,670.7	168.9
Redsky Energy Ltd.	99.5%		14.2	337	-	336	14.2	176	2,400.4	3,045.3
SunOcean Energy Ltd.	0.0%		13.2	338	13.2	289	-	237	74.4	13.2
Capex Exploration Ltd.	96.6%		13.1	339	13.1	290	-	237	5,443.2	384.5
Vista Resources Inc.	55.3%		13.0	340	-	336	13.0	177	391.1	29.1
G2 Resources Inc.	0.0%		12.9	341	12.9	291	-	237	124.3	12.9
Stockwork Properties Ltd.	67.3%		12.9	341	12.9	291	-	237	83.7	39.5

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CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Orleans Energy Ltd.	99.8%	2.4%	12.8	342	12.6	292	0.2	235	18,625.4	5,936.2
Annex Petroleum Inc.	99.2%		12.4	343	1.0	328	11.4	180	1,542.6	1,488.0
West Energy Partnership	99.9%		12.3	344	12.3	293	-	237	81,457.2	23,750.5
Virtus Energy Ltd.	99.2%	3.1%	12.2	345	12.2	294	-	237	20,738.6	1,626.5
Madison Energy Corp.	99.7%	57.4%	11.6	346	0.9	329	10.7	185	4,684.0	3,664.0
Highpine Energy Ltd.	99.8%	2.4%	11.5	347	11.5	296	-	237	6,054.0	5,090.8
Spry Energy Ltd.	0.0%		11.5	347	11.5	296	-	237	7,097.7	11.5
Fairwest Energy Corporation	99.3%		11.3	348	11.3	297	-	237	1,371.9	1,626.6
Castle Rock Petroleum Ltd.	78.2%		11.2	349	-	336	11.2	181	106.6	51.4
B&G Energy Ltd.	47.1%		11.1	350	-	336	11.1	182	352.2	21.0
Costa Resources Ltd.	95.9%		11.1	350	2.1	322	9.0	189	1,165.3	268.6
Freehold Resources Ltd.	80.8%		11.1	350	11.1	298	-	237	625.9	57.8
Joli Fou Petroleums Ltd	0.0%		10.8	351	10.8	299	-	237	138.0	10.8
Suntex Energy Ltd.	74.9%	-2.3%	10.8	351	-	336	10.8	184	1,464.9	43.1
Kerogen Petroleum Ltd.	99.4%		10.5	352	-	336	10.5	186	3,761.8	1,907.2
Camino Industries Inc.	99.8%	0.0%	10.4	353	-	336	10.4	187	2,784.3	5,908.4
Ferrybank Resources Ltd.	98.3%	0.1%	10.4	353	-	336	10.4	187	2,542.7	598.6
403508 Alberta Ltd.	97.9%	33.4%	9.0	354	9.0	302	-	237	792.4	423.7
Bredal Energy Corp.	99.7%	3.9%	8.6	355	8.4	303	0.2	235	9,319.6	3,149.7
Result Energy Inc.	0.0%		8.4	356	7.6	306	0.8	229	521.1	8.4
Tasman Exploration Ltd.	98.6%	-1.4%	8.2	357	4.2	312	4.0	205	2,225.8	601.4
Rangex Resources Ltd.	87.3%	1.1%	7.8	358	-	336	7.8	191	1,386.8	61.5
591536 Alberta Inc	87.4%		7.7	359	7.7	305	-	237	407.4	61.3
Keeper Resources Inc.	0.0%		7.5	360	7.5	307	-	237	25.2	7.5
Patterson Brothers Consulting Inc.	90.0%	-2.2%	7.2	361	0.2	334	7.0	193	551.7	71.9
Triaxon Energy Inc.	99.9%		7.0	362	7.0	308	-	237	14,467.3	8,763.3
Pioneer Natural Resources Canada Inc.	99.8%	-0.2%	5.6	363	5.6	309	-	237	7,888.3	2,843.4
Apex Energy (Canada) Inc.	98.2%	-0.7%	5.4	364	1.1	327	4.3	204	1,428.8	305.4
Flagstone Energy Inc.	0.0%	-49.0%	5.3	365	-	336	5.3	199	1,509.3	5.3
Longford Corporation	99.0%	-1.0%	5.1	366	5.1	310	-	237	521.1	497.5
385417 Alberta Ltd.	99.6%	0.0%	4.8	367	0.1	335	4.7	202	5,890.7	1,105.6
Sahara Energy Ltd.	45.1%		4.5	368	4.5	311	-	237	1,145.8	8.2
Argent Energy Inc.	99.4%		4.4	369	0.6	331	3.8	207	884.3	709.1
Pearson Resources Ltd.	96.6%	48.5%	4.4	369	2.0	323	2.4	215	674.5	128.1
T & E Oils Ltd.	70.1%	-7.4%	4.0	370	4.0	314	-	237	997.7	13.4

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COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Richann Contract Operators Ltd.	0.0%		3.9	371	-	336	3.9	206	513.2	3.9
Sun Diamond Resources Ltd.	0.0%		3.9	371	-	336	3.9	206	202.0	3.9
Aurado Energy Inc.	98.6%		3.8	372	2.0	323	1.8	219	310.8	267.8
Macon Oil & Gas Corp.	99.2%		3.7	373	-	336	3.7	208	537.1	471.8
Alberta Petroleum Energy Limited	0.0%		3.6	374	-	336	3.6	209	735.5	3.6
Carl Oil and Gas Ltd.	0.0%		3.6	374	-	336	3.6	209	478.1	3.6
Hawk Energy Corp.	99.5%		3.5	375	2.7	319	0.8	229	6,863.1	665.6
Garran Energy Inc.	0.0%		3.4	376	3.4	315	-	237	15.6	3.4
Greenbank Energy Ltd.	0.0%		3.4	376	0.3	333	3.1	211	92.0	3.4
Kootenay Energy Inc.	0.0%		3.2	377	3.2	316	-	237	176.0	3.2
Kobi Resources Ltd.	99.9%	-0.1%	3.1	378	1.3	326	1.8	219	3,745.7	2,733.4
Petromin Resources Ltd.	0.0%		2.9	379	2.9	317	-	237	9,484.7	2.9
Ascent Energy Ltd.	0.0%		2.8	380	2.8	318	-	237	28.2	2.8
Eastnell Resources Ltd.	0.0%		2.7	381	-	336	2.7	213	122.1	2.7
Petro Buyers Inc.	99.2%		2.7	381	-	336	2.7	213	4,125.6	324.6
Excite Energy Corp.	99.5%		2.4	382	-	336	2.4	215	185.8	496.3
New Range Resources Ltd.	97.1%		2.4	382	-	336	2.4	215	1,410.2	81.8
Patmac Resources Ltd.	0.0%		2.4	382	-	336	2.4	215	614.3	2.4
DGS Oil & Gas Co. Inc.	77.0%	-0.7%	2.3	383	2.3	321	-	237	148.1	10.0
Deer Creek Energy Limited	0.0%		2.2	384	-	336	2.2	216	19,621.5	2.2
Wrangler West Energy Corp.	100.0%	0.6%	2.2	384	-	336	2.2	216	21,308.5	7,874.8
Sebring Energy Inc.	99.4%		2.1	385	-	336	2.1	217	1,019.1	324.8
Hillsdale Drilling Ltd.	0.0%		2.0	386	-	336	2.0	218	221.8	2.0
Cannon Oil & Gas Ltd.	0.0%		1.7	387	1.7	324	-	237	1,019.0	1.7
Welton Energy Corporation	99.9%		1.6	388	1.6	325	-	237	1,561.1	1,352.5
Murphy Oil Company Ltd.	100.0%	1.4%	1.5	389	-	336	1.5	222	294,123.2	6,197.9
Samson Oil and Gas Limited Partnership	99.7%		1.5	389	-	336	1.5	222	335.5	541.3
Aurado Resources Canada Ltd.	99.6%		1.4	390	-	336	1.4	223	232.7	340.1
Eiger Energy Ltd.	98.7%	19.2%	1.4	390	-	336	1.4	223	2,349.7	107.3
Flagship Energy Inc.	99.8%		1.4	390	-	336	1.4	223	3,279.5	655.0
Highview Resources Ltd.	98.8%	2.5%	1.4	390	1.1	327	0.3	234	559.3	114.5
Regal Energy Ltd.	92.7%		1.3	391	-	336	1.3	224	1,277.1	17.8
Alka Resources Ltd.	89.3%	-0.4%	1.2	392	-	336	1.2	225	154.2	11.2
Circumpacific Energy Corporation	97.6%	17.2%	1.2	392	-	336	1.2	225	2,885.1	49.4
K-Town Holdings Ltd.	0.0%		1.2	392	1.0	328	0.2	235	151.2	1.2

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PROVINCIAL RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Manitok Exploration Inc.	0.0%		1.2	392	-	336	1.2	225	642.5	1.2
Panterra Energy Corp. Ltd.	42.9%		1.2	392	0.7	330	0.5	232	215.0	2.1
Murelle Enterprises Inc.	99.9%	0.0%	1.1	393	-	336	1.1	226	316.3	1,348.7
Prospex Resources Ltd.	100.0%	0.0%	1.1	393	1.1	327	-	237	7,795.7	13,758.0
Grand Rapids Petroleum Ltd.	0.0%		0.9	394	-	336	0.9	228	810.2	0.9
Huegler Holdings Ltd.	0.0%		0.9	394	-	336	0.9	228	1,393.7	0.9
Trilight Energy Inc.	99.6%		0.9	394	-	336	0.9	228	187.8	248.8
Pocahontas Petroleum Ltd.	0.0%		0.8	395	-	336	0.8	229	89.4	0.8
Westerra 2000 Inc.	27.3%	-72.7%	0.8	395	-	336	0.8	229	420.3	1.1
Maverick Oil & Gas Ltd.	0.0%		0.7	396	-	336	0.7	230	411.2	0.7
Reber Exploration Ltd.	0.0%		0.7	396	-	336	0.7	230	54.4	0.7
First West Petroleum Inc.	0.0%		0.5	397	0.5	332	-	237	12.2	0.5
Seffian Petroleums Ltd.	0.0%		0.4	398	-	336	0.4	233	120.8	0.4
Breton Energy Inc.	0.0%		0.3	399	-	336	0.3	234	74.2	0.3
Milen's Oilfield Enterprises Ltd.	100.0%	0.2%	0.3	399	-	336	0.3	234	222.4	646.2
Omers Energy Inc.	100.0%	0.1%	0.3	399	-	336	0.3	234	3,142.4	1,265.7
Siga Resources Limited	98.9%		0.3	399	-	336	0.3	234	563.8	27.5
Canadian Jorex Limited	99.8%		0.2	400	0.2	334	-	237	589.0	88.3
Luke Energy Ltd.	100.0%		0.2	400	-	336	0.2	235	16,681.7	2,507.4
Oasis Petroleum Ltd.	0.0%		0.2	400	-	336	0.2	235	209.6	0.2
Ridgeback Exploration Ltd.	0.0%		0.2	400	0.2	334	-	237	32.6	0.2
Damascus Energy Inc.	0.0%		0.1	401	-	336	0.1	236	95.9	0.1
EnCana Corporation	0.0%	-100.0%	0.1	401	0.1	335	-	237	14.2	0.1
Outrider Energy Ltd.	0.0%		0.1	401	0.1	335	-	237	376.2	0.1
Regent Resources Ltd.	100.0%	21.3%	0.1	401	0.1	335	-	237	594.3	963.4
Starchild Energy Systems Ltd.	83.3%	-4.2%	0.1	401	0.1	335	-	237	6.6	0.6
912522 Alberta Ltd.	100.0%		-	402	-	336	-	237	265.4	312.9
981384 Alberta Ltd.	100.0%		-	402	-	336	-	237	70.9	193.3
Accrete Energy Inc.	100.0%	0.0%	-	402	-	336	-	237	14,295.6	111,526.3
Adanac Oil & Gas Limited	100.0%	0.0%	-	402	-	336	-	237	1,799.9	616.0
Ankerton Holdings Ltd.	100.0%	0.1%	-	402	-	336	-	237	5,414.7	1,173.8
Anterra Midstream Inc.	100.0%	0.1%	-	402	-	336	-	237	195.8	69.0
Antibe Resources Ltd.	100.0%		-	402	-	336	-	237	17.5	90.4
Arbour Energy Inc.	100.0%	0.0%	-	402	-	336	-	237	780.8	363.9
BG Canada Exploration and Production, Inc	100.0%	0.0%	-	402	-	336	-	237	-	1,056.6

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PROVINCIAL RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Bison Resources Ltd.	100.0%		-	402	-	336	-	237	22.0	23.7
Black Bore Resources Ltd.	0.0%		-	402	-	336	-	237	26.2	-
Blue Parrot Energy Inc.	100.0%		-	402	-	336	-	237	3,527.1	2,943.4
Bounty Developments Ltd.	100.0%	70.1%	-	402	-	336	-	237	331.5	6.0
Bowood Energy Corp.	100.0%		-	402	-	336	-	237	433.6	1,693.6
Bronco Energy Ltd.	0.0%		-	402	-	336	-	237	0.2	-
Bumper Development Corporation Ltd.	100.0%	0.0%	-	402	-	336	-	237	301.0	3,671.4
Burlington Resources Canada (Hunter) Ltd.	0.0%		-	402	-	336	-	237	20.0	-
Canyon Oil & Gas Corporation	100.0%		-	402	-	336	-	237	59.3	274.4
CNPC International (Canada) Ltd.	100.0%	4.1%	-	402	-	336	-	237	5,070.4	1,690.9
Columbus Exploration Ltd.	100.0%	0.0%	-	402	-	336	-	237	231.3	2.2
Crazy Hill Resources Ltd.	100.0%		-	402	-	336	-	237	276.1	177.8
Crew Energy Inc.	100.0%		-	402	-	336	-	237	3,393.8	4,076.7
Direct Energy Marketing Limited	100.0%		-	402	-	336	-	237	21,304.9	4,814.2
Dolomite Energy Inc.	100.0%		-	402	-	336	-	237	694.0	0.3
Dunvegan Energy Limited	100.0%		-	402	-	336	-	237	1,728.5	22.5
Echoex Ltd.	100.0%	0.0%	-	402	-	336	-	237	282.5	350.6
Eclipse Resources Ltd.	100.0%	0.2%	-	402	-	336	-	237	7,493.3	8,131.4
Elkwater Resources Ltd.	100.0%	0.0%	-	402	-	336	-	237	274.3	602.0
Enerstar Petroleum Corp.	0.0%		-	402	-	336	-	237	216.5	-
Enhance Energy Inc.	100.0%		-	402	-	336	-	237	90.6	92.1
Frontier Energy Inc.	0.0%		-	402	-	336	-	237	161.5	-
Huron Energy Corporation	100.0%	0.0%	-	402	-	336	-	237	1,518.9	197.5
International Frontier Resources Corporatior	100.0%	1.4%	-	402	-	336	-	237	2,790.5	67.5
Keyera Energy Ltd.	100.0%	0.0%	-	402	-	336	-	237	271,424.1	225,187.1
Land Petroleum International Inc.	0.0%		-	402	-	336	-	237	256.8	-
Lockwood Resources Ltd.	100.0%	0.0%	-	402	-	336	-	237	-	1,052.1
Mistahiya Resources Ltd.	100.0%	0.0%	-	402	-	336	-	237	2,174.3	87.3
Moonshine Resources Ltd.	100.0%		-	402	-	336	-	237	901.6	288.8
Morena Resources Inc.	100.0%		-	402	-	336	-	237	18.0	290.5
Mosaic Energy Ltd.	100.0%	3.7%	-	402	-	336	-	237	3,761.6	5,892.3
Nevarro Energy Ltd.	0.0%		-	402	-	336	-	237	19.6	-
Newalta Corporation	100.0%	0.0%	-	402	-	336	-	237	251.4	17.9
Norlake Energy Corp.	0.0%	-100.0%	-	402	-	336	-	237	68.7	-
Northern Utilities (sask.) Ltd.	100.0%	0.0%	-	402	-	336	-	237	272.8	0.3

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PROVINCIAL RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS CONS CHANGE[2]	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Panwestern Energy Inc.	100.0%	0.0%	-	402	-	336	-	237	605.0	231.0
Pennine Petroleum Corporation	100.0%		-	402	-	336	-	237	773.2	1.0
Petal Resources Ltd.	100.0%	0.0%	-	402	-	336	-	237	321.2	38.9
Peyto Exploration & Development Corp.	100.0%		-	402	-	336	-	237	2,150.5	3,318.0
Pioneer Energy Canada Ltd.	100.0%		-	402	-	336	-	237	27.9	39.2
Point North Energy Ltd.	100.0%		-	402	-	336	-	237	451.3	342.4
PPM Energy Canada Ltd.	100.0%	0.0%	-	402	-	336	-	237	5,655.8	53,969.0
Real Resources Inc.	100.0%		-	402	-	336	-	237	289.3	162.7
Regco Petroleums Ltd.	100.0%	0.0%	-	402	-	336	-	237	4,350.4	429.4
Reintjes Enterprises Ltd.	100.0%		-	402	-	336	-	237	117.1	0.5
Renegade Resources Inc.	100.0%	0.0%	-	402	-	336	-	237	2,200.8	649.0
Rotex Energy Ltd.	100.0%	0.0%	-	402	-	336	-	237	21.7	895.6
Rustler Petroleum Inc.	100.0%	0.0%	-	402	-	336	-	237	977.5	30.9
RXO Energy Inc.	100.0%		-	402	-	336	-	237	188.6	176.3
Sabretooth Energy Ltd.	100.0%		-	402	-	336	-	237	111.7	95.3
San Juan Resources Inc.	100.0%	0.0%	-	402	-	336	-	237	1,194.1	755.1
San Telmo Energy Inc.	100.0%		-	402	-	336	-	237	124.8	795.0
Shapco Resources Ltd.	100.0%	0.3%	-	402	-	336	-	237	1,631.1	4,975.2
Signet Energy Inc.	0.0%		-	402	-	336	-	237	1.0	-
Silver Bay Resources Ltd.	100.0%		-	402	-	336	-	237	67.8	17.9
Silverwing Energy Inc.	100.0%	0.0%	-	402	-	336	-	237	1,826.5	690.0
Strike Petroleum Ltd.	100.0%		-	402	-	336	-	237	1,004.8	169.1
The Locke Stock & Barrel Company Ltd.	0.0%		-	402	-	336	-	237	281.2	-
TKE Energy Inc	100.0%		-	402	-	336	-	237	2,210.3	184.9
Trarion Resources Ltd.	100.0%	0.0%	-	402	-	336	-	237	153.2	613.5
Unicorn Agri-Oil Ltd.	100.0%	0.0%	-	402	-	336	-	237	437.4	13.7
Vero Resources Inc.	100.0%		-	402	-	336	-	237	558.9	135
Vertex Oil & Gas Ltd.	100.0%		-	402	-	336	-	237	540.4	24
Vision 2000 Exploration Ltd.	100.0%		-	402	-	336	-	237	95.4	246.1
Wave Energy Ltd.	0.0%	-100.0%	-	402	-	336	-	237	5.3	0
Westdrum Energy Ltd.	100.0%	0.0%	-	402	-	336	-	237	1182.3	782.7
Westhill Resources Limited	100.0%	3.6%	-	402	-	336	-	237	1578.4	4309.8
PROVINCIAL TOTALS	**96.1%**		**664,418.8**		**363,205.7**		**301,213.1**		**55,846,618.5**	**17,245,139.9**

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FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
BONNYVILLE CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000 M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000 M^3$)
Canadian Natural Resources Limited	80.1%	129,624.6	1	4,638.5	1	124,986.1	1	8,408,869.9	651,120.4
Devon Canada	66.0%	18,095.7	2	14.7	10	18,081.0	2	855,770.4	53,235.5
Bonavista Petroleum Ltd.	31.7%	11,679.6	3	2,094.6	2	9,585.0	4	266,267.4	17,100.7
Husky Oil Operations Limited	52.4%	9,821.9	4	216.7	8	9,605.2	3	290,272.2	20,617.1
Petro-Canada	0.0%	1,359.3	5	1,359.3	3	-	18	1,226,091.2	1,262.1
Imperial Oil Resources	99.7%	1,175.5	6	995.6	5	179.9	9	8,811,325.4	399,889.6
Baytex Energy Ltd.	92.1%	1,170.4	7	244.6	7	925.8	5	267,655.8	14,897.6
Japan Canada Oil Sands Limited	79.8%	1,049.3	8	1,049.3	4	-	18	447,023.1	5,183.4
Harvest Operations Corp.	22.9%	867.0	9	0.1	14	866.9	6	15,650.3	1,124.9
Viking Holdings Inc.	33.6%	825.2	10	-	15	825.2	7	24,896.7	1,243.6
Encana Oil & Gas Partnership	91.9%	703.0	11	700.9	6	2.1	16	2,185,893.5	8,677.8
Koch Exploration Canada ULC	0.0%	638.3	12	-	15	638.3	8	16,252.6	638.3
Daylight Energy Ltd.	39.8%	139.8	13	-	15	139.8	10	1,419.2	232.2
Signalta Resources Limited	0.0%	96.8	14	-	15	96.8	11	649.1	96.8
Delphi Energy Corp.	0.0%	70.5	15	-	15	70.5	12	3,201.2	70.5
ConocoPhillips Canada Resources Corp.	21.8%	29.1	16	29.1	9	-	18	31,056.1	37.2
The Buffalo Oil Corporation	99.6%	21.8	17	-	15	21.8	13	69,021.5	5,010.1
Watch Resources Ltd.	0.0%	17.9	18	7.0	11	10.9	14	2,554.9	17.9
High Plains Energy Inc.	13.9%	3.1	19	3.1	12	-	18	287.2	3.6
Petromin Resources Ltd.	0.0%	2.9	20	2.9	13	-	18	9,484.7	2.9
Deer Creek Energy Limited	0.0%	2.2	21	-	15	2.2	15	19,621.5	2.2
Manitok Exploration Inc.	0.0%	1.2	22	-	15	1.2	17	642.5	1.2
Blackrock Ventures Inc.	100.0%	-	23	-	15	-	18	32,421.8	4,419.0
Bronco Energy Ltd.	0.0%	-	23	-	15	-	18	0.2	-
Celtic Exploration Ltd.	100.0%	-	23	-	15	-	18	387.4	18.9
Compass Petroleum Inc.	100.0%	-	23	-	15	-	18	32.5	16.2
Dunvegan Energy Limited	100.0%	-	23	-	15	-	18	1,728.5	22.5
Shell Canada Energy	100.0%	-	23	-	15	-	18	2,678.3	375.7
TOTALS FOR BONNYVILLE	**85.0%**	177,395.1		11,356.4		166,038.7		22,991,155.1	1,185,317.9

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions, and divestments.

FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
DRAYTON VALLEY CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Penn West Petroleum Ltd.	98.6%	**4,078.7**	**1**	2,246.0	2	1,832.7	1	470,470.5	285,452.2
Burlington Resources Canada Ltd.	97.8%	**3,671.8**	**2**	3,661.9	1	9.9	49	77,102.1	165,023.5
Ish Energy Ltd.	20.2%	**1,927.7**	**3**	1,927.7	3	-	76	1,394.7	2,414.5
Canetic Resources Inc.	91.2%	**1,835.0**	**4**	344.8	18	1,490.2	2	64,227.5	20,876.1
Vermilion Resources Ltd.	95.4%	**1,524.5**	**5**	1,345.4	4	179.1	13	64,721.1	33,492.4
ARC Resources Ltd.	98.5%	**1,278.3**	**6**	1,028.3	5	250.0	8	462,308.2	85,389.1
Peerless Oil & Gas Inc.	66.4%	**963.0**	**7**	963.0	6	-	76	11,133.2	2,867.1
Rider Resources Ltd.	84.5%	**877.7**	**8**	698.0	9	179.7	12	20,910.6	5,673.9
Imperial Oil Resources	99.9%	**857.8**	**9**	553.1	11	304.7	7	311,381.3	621,961.9
Bonterra Energy Corp.	95.0%	**853.9**	**10**	260.4	24	593.5	5	57,773.0	16,980.6
Find Energy Ltd.	84.0%	**832.0**	**11**	832.0	7	-	76	11,342.1	5,199.1
Valiant Energy Inc.	89.0%	**802.7**	**12**	802.7	8	-	76	26,218.5	7,296.2
Skylight Energy Resources Ltd.	83.1%	**726.3**	**13**	21.8	70	704.5	4	6,721.1	4,288.0
Petrofund Corp.	82.9%	**721.3**	**14**	9.5	81	711.8	3	8,282.9	4,218.4
Comstate Resources Ltd.	97.2%	**701.1**	**15**	235.5	25	465.6	6	54,808.7	25,354.6
Shiningbank Energy Ltd.	93.4%	**634.4**	**16**	614.4	10	20.0	39	8,482.0	9,555.1
Exxonmobil Canada Ltd. And Exxonmobil Resources Ltd.	70.2%	**528.8**	**17**	528.8	12	-	76	1,264.5	1,777.2
Horseshoe Bay Resources Limited	0.0%	**473.5**	**18**	473.5	13	-	76	1,004.3	473.5
Revolve Energy Inc.	70.4%	**415.9**	**19**	415.9	14	-	76	3,673.4	1,405.4
Petro-Canada	99.4%	**412.5**	**20**	412.5	15	-	76	28,012.6	73,197.0
Burmis Energy Inc.	0.0%	**412.2**	**21**	412.2	16	-	76	464.1	412.2
Compton Petroleum Corporation	98.1%	**399.0**	**22**	308.8	20	90.2	23	56,565.8	21,362.2
Fairborne Energy Ltd.	98.5%	**385.1**	**23**	385.1	17	-	76	51,667.1	25,990.5
Primewest Energy Inc.	97.1%	**367.4**	**24**	332.0	19	35.4	34	3,620.7	12,732.2
EOG Resources Canada Inc.	99.0%	**334.1**	**25**	230.1	29	104.0	20	26,818.8	35,164.7
Talisman Energy Inc.	98.3%	**328.4**	**26**	109.4	48	219.0	9	115,022.0	18,892.1
Husky Oil Operations Limited	95.9%	**320.0**	**27**	231.1	28	88.9	24	36,592.7	7,830.8
Devon Canada	64.0%	**307.7**	**28**	307.7	21	-	76	1,222.4	854.6
97837 Resources Ltd.	38.6%	**305.3**	**29**	304.1	22	1.2	69	1,373.2	497.3
Berens Energy Ltd.	82.7%	**292.5**	**30**	292.5	23	-	76	1,926.8	1,688.1
Enerplus Resources Corporation	98.9%	**235.7**	**31**	61.0	57	174.7	16	121,512.1	21,401.0
Path Resources Ltd.	23.9%	**234.9**	**32**	234.9	26	-	76	1,582.7	308.5
Viking Holdings Inc.	93.5%	**234.8**	**33**	228.4	30	6.4	56	8,642.0	3,606.0
Stylus Energy Inc.	80.8%	**234.0**	**34**	234.0	27	-	76	4,789.6	1,216.4
Duvernay Oil Corp.	99.6%	**223.2**	**35**	223.2	31	-	76	12,010.4	55,957.1

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions, and divestments.

FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
DRAYTON VALLEY CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000 M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000 M^3$)
NAL Resources Limited	99.4%	217.2	36	200.5	34	16.7	42	6,948.1	33,443.1
Mancal Energy Inc.	72.1%	216.3	37	216.3	32	-	76	1,531.9	775.1
Encana Oil & Gas Partnership	99.6%	215.7	38	212.1	33	3.6	62	8,853.7	49,984.8
Signalta Resources Limited	91.4%	215.5	39	27.2	68	188.3	11	4,985.8	2,505.0
Conocophillips Canada Energy Partnership	99.7%	208.1	40	-	94	208.1	10	43,165.5	63,416.8
Highpine Oil & Gas Limited	99.6%	197.9	41	197.9	35	-	76	237,871.2	48,708.1
Petenco Resources Ltd.	40.0%	192.9	42	192.9	36	-	76	1,129.6	321.6
Defiant Resources Corporation	89.5%	186.8	43	186.8	37	-	76	9,509.8	1,786.1
Cangild Resources Ltd.	0.0%	177.8	44	-	94	177.8	14	412.4	177.8
Advantage Oil & Gas Ltd.	98.2%	176.3	45	0.3	91	176.0	15	22,526.0	9,600.9
Breaker Energy Ltd.	0.0%	168.5	46	168.5	38	-	76	494.7	168.5
Blaze Energy Ltd.	20.0%	163.8	47	163.8	39	-	76	301.0	204.8
Anterra Resources Inc.	89.7%	162.3	48	34.1	66	128.2	17	6,565.6	1,573.3
1107567 Alberta Ltd.	0.0%	159.0	49	159.0	40	-	76	324.1	159.0
Vault Energy Inc.	98.7%	157.6	50	82.3	53	75.3	26	46,634.2	11,751.8
Dominion Exploration Canada Ltd.	99.2%	153.1	51	129.5	42	23.6	37	117,038.5	20,072.2
Leddy Exploration Limited	72.3%	146.4	52	124.8	43	21.6	38	4,909.1	527.7
Eastshore Energy Ltd.	89.2%	144.2	53	144.2	41	-	76	4,918.7	1,337.6
ConocoPhillips Canada Limited	97.4%	127.1	54	117.4	44	9.7	50	6,830.8	4,926.3
Ketch Resources Ltd.	14.1%	124.0	55	-	94	124.0	18	209.5	144.4
Pengrowth Corporation	96.5%	121.5	56	64.6	55	56.9	31	11,770.0	3,449.1
Hunt Oil Company Of Canada, Inc.	99.2%	116.8	57	116.8	45	-	76	8,347.6	15,078.9
Primewest Gas Corp.	89.9%	115.4	58	114.3	46	1.1	70	297.2	1,137.1
Berland Exploration Ltd.	42.7%	113.6	59	113.6	47	-	76	345.6	198.1
Seneca Energy Canada Inc.	47.1%	108.7	60	100.8	49	7.9	54	1,335.9	205.6
Derrick Petroleum Ltd.	76.7%	107.9	61	-	94	107.9	19	1,629.1	462.4
Sifton Energy Inc.	91.6%	106.7	62	94.3	50	12.4	46	6,921.9	1,271.9
Pilot Energy Ltd.	0.0%	99.6	63	-	94	99.6	21	455.5	99.6
Mec Operating Company	82.5%	97.8	64	39.6	62	58.2	29	8,782.4	559.4
Jayhawk Resources Ltd.	0.0%	92.2	65	92.2	51	-	76	198.5	92.2
Dantel Resources Ltd.	0.0%	92.1	66	-	94	92.1	22	55.4	92.1
Open Range Energy Corp.	90.2%	88.2	67	-	94	88.2	25	393.0	897.8
Owl River Resources Ltd.	13.2%	85.5	68	85.5	52	-	76	446.4	98.5
Suncor Energy Inc.	88.5%	77.7	69	61.4	56	16.3	43	433.7	675.9
ConocoPhillips Canada Resources Corp.	97.7%	73.9	70	1.4	87	72.5	27	6,868.9	3,266.8

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions, and divestments.

FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
DRAYTON VALLEY CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000 M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000 M^3$)
Twin Butte Energy Ltd.	0.0%	65.4	71	65.4	54	-	76	108.9	65.4
Harvest Operations Corp.	98.3%	61.7	72	52.5	59	9.2	51	8,195.0	3,574.0
Shanpet Resources Ltd.	0.0%	60.5	73	-	94	60.5	28	1,065.7	60.5
Enermark Inc.	0.0%	57.0	74	-	94	57.0	30	875.8	57.0
Cork Exploration Inc.	89.4%	55.2	75	55.2	58	-	76	487.7	522.4
Saffron Energy Ltd.	0.0%	55.2	75	-	94	55.2	32	392.9	55.2
Northrock Resources Ltd.	99.1%	53.6	76	23.4	69	30.2	36	5,187.8	6,300.6
Drilcorp Energy Ltd.	0.0%	46.9	77	46.9	60	-	76	78.1	46.9
Pure Oil & Gas Co Ltd	96.4%	44.9	78	44.9	61	-	76	807.7	1,254.9
Cruiser Oil & Gas Ltd.	50.0%	42.7	79	-	94	42.7	33	262.1	85.4
Anadarko Canada Corporation	0.0%	39.5	80	39.5	63	-	76	169.5	39.5
Optimus Energy Limited	0.0%	38.5	81	38.5	64	-	76	303.5	38.5
Blue Mountain Energy Ltd.	99.1%	37.7	82	20.6	71	17.1	41	5,093.1	4,306.5
Kinuso Mercantile Ltd.	50.4%	37.2	83	37.0	65	0.2	75	1,259.4	75.0
Geocan Energy Inc.	89.9%	36.8	84	34.0	67	2.8	64	387.2	363.1
Scollard Energy Inc.	0.0%	32.4	85	-	94	32.4	35	1,923.2	32.4
Progress Energy Ltd.	99.5%	27.2	86	19.1	73	8.1	53	13,933.7	6,003.9
Kick Energy Corporation	99.9%	21.8	87	2.6	85	19.2	40	28,373.2	14,682.4
Emm Energy Inc.	97.9%	20.7	88	20.2	72	0.5	73	2,275.3	995.1
RSX Energy Inc.	0.0%	18.1	89	18.1	74	-	76	6.7	18.1
Bear Ridge Resources Ltd.	0.0%	17.3	90	17.3	75	-	76	58.7	17.3
Benjaka Exploration Inc.	93.2%	16.2	91	-	94	16.2	44	528.6	238.7
Daylight Energy Ltd.	94.4%	16.2	91	16.2	76	-	76	1,003.1	290.9
Terra Rica Resources Ltd.	50.0%	15.6	92	-	94	15.6	45	106.7	31.2
Brazeau NRG Ltd.	97.4%	15.0	93	15.0	77	-	76	681.6	578.2
Zargon Oil & Gas Ltd.	99.5%	13.5	94	13.5	78	-	76	9,172.9	2,726.3
West Energy Partnership	99.9%	12.3	95	12.3	79	-	76	81,457.2	23,750.5
Highpine Energy Ltd.	99.8%	11.5	96	11.5	80	-	76	6,054.0	5,090.8
Suntex Energy Ltd.	74.9%	10.8	97	-	94	10.8	47	1,464.9	43.1
Thunder Energy Inc.	99.6%	10.0	98	-	94	10.0	48	4,282.7	2,452.0
Costa Resources Ltd.	96.5%	9.3	99	0.3	91	9.0	52	1,054.6	266.8
True Energy Inc.	99.1%	7.2	100	1.2	89	6.0	57	10,536.9	839.6
Enerplus Oil & Gas Ltd.	0.0%	6.9	101	-	94	6.9	55	-	6.9
Capex Exploration Ltd.	98.4%	6.2	102	6.2	82	-	76	3,902.2	377.6
Longford Corporation	99.0%	5.1	103	5.1	83	-	76	521.1	497.5

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FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
DRAYTON VALLEY CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000\ M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000\ M^3$)	FLARE RANK	GAS VENTED ($1000\ M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000\ M^3$)
385417 Alberta Ltd.	99.6%	4.8	104	0.1	93	4.7	58	5,890.7	1,105.6
Apex Energy (Canada) Inc.	97.4%	4.3	105	-	94	4.3	59	561.5	164.9
Tasman Exploration Ltd.	0.0%	4.0	106	-	94	4.0	60	561.9	4.0
Sun Diamond Resources Ltd.	0.0%	3.9	107	-	94	3.9	61	202.0	3.9
Aurado Energy Inc.	98.6%	3.8	108	2.0	86	1.8	66	310.8	267.8
Garran Energy Inc.	0.0%	3.4	109	3.4	84	-	76	15.6	3.4
Ravenwood Energy Corp.	0.0%	3.4	109	3.4	84	-	76	49.0	3.4
Trilogy Blue Mountain Ltd.	99.4%	3.3	110	0.2	92	3.1	63	926.8	528.2
Samson Canada, Ltd.	99.8%	3.1	111	-	94	3.1	63	1,716.2	1,560.9
New Range Resources Ltd.	97.1%	2.4	112	-	94	2.4	65	1,410.2	81.8
Pearson Resources Ltd.	98.4%	2.0	113	2.0	86	-	76	277.4	125.7
Bredal Energy Corp.	99.9%	1.5	114	1.3	88	0.2	75	8,880.9	2,748.2
Samson Oil and Gas Inc.	99.7%	1.5	114	-	94	1.5	67	335.5	541.3
Aurado Resources Canada Ltd.	99.6%	1.4	115	-	94	1.4	68	232.7	340.1
Triaxon Energy Inc.	100.0%	1.2	116	1.2	89	-	76	13,856.5	8,198.3
Murelle Enterprises Inc.	99.9%	1.1	117	-	94	1.1	70	316.3	1,348.7
Bonavista Petroleum Ltd.	99.9%	1.0	118	-	94	1.0	71	1,086.7	704.4
Huegler Holdings Ltd.	0.0%	0.9	119	-	94	0.9	72	1,393.7	0.9
Trilight Energy Inc.	0.0%	0.9	119	-	94	0.9	72	169.1	0.9
Avenir Operating Corp.	0.0%	0.7	120	0.5	90	0.2	75	244.1	0.7
Siga Resources Limited	98.9%	0.3	121	-	94	0.3	74	563.8	27.5
Adanac Oil & Gas Limited	100.0%	-	122	-	94	-	76	1,799.9	615.5
Alpetro Resources Ltd.	100.0%	-	122	-	94	-	76	618.0	5,559.1
AltaGas Ltd.	100.0%	-	122	-	94	-	76	595.3	4,815.7
Apache Canada Ltd.	100.0%	-	122	-	94	-	76	1,710.0	1,212.0
Arbour Energy Inc.	100.0%	-	122	-	94	-	76	780.8	363.9
Arcan Resources Ltd.	100.0%	-	122	-	94	-	76	1,041.8	5,882.6
Bow Valley Energy Ltd.	100.0%	-	122	-	94	-	76	214.8	801.9
Bumper Development Corporation Ltd.	100.0%	-	122	-	94	-	76	301.0	3,671.4
Canadian Natural Resources Limited	100.0%	-	122	-	94	-	76	312.6	1,436.1
Chamaelo Exploration Ltd.	100.0%	-	122	-	94	-	76	9,377.7	11,251.1
CNPC International (Canada) Ltd.	100.0%	-	122	-	94	-	76	2,131.6	113.1
Crazy Hill Resources Ltd.	100.0%	-	122	-	94	-	76	276.1	177.8
Crew Energy Inc.	100.0%	-	122	-	94	-	76	3,342.3	3,898.6
Diamond Tree Resources Ltd.	100.0%	-	122	-	94	-	76	9,641.1	5,000.8

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FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
DRAYTON VALLEY CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Eclipse Resources Ltd.	100.0%	-	122	-	94	-	76	7,493.3	8,131.4
Exalta Energy Inc	100.0%	-	122	-	94	-	76	227.4	419.7
Grand Petroleum Inc.	100.0%	-	122	-	94	-	76	221.3	2,684.7
Kereco Energy Ltd.	100.0%	-	122	-	94	-	76	2,177.1	2,864.0
Keyera Energy Ltd.	100.0%	-	122	-	94	-	76	271,424.1	225,187.1
Land Petroleum International Inc.	0.0%	-	122	-	94	-	76	256.8	-
Maverick Oil & Gas Ltd.	0.0%	-	122	-	94	-	76	85.6	-
Norlake Energy Corp.	0.0%	-	122	-	94	-	76	68.7	-
Nuvista Energy Ltd.	100.0%	-	122	-	94	-	76	228.2	461.0
Omers Energy Inc.	100.0%	-	122	-	94	-	76	2,968.7	405.1
Onyx Energy Inc.	100.0%	-	122	-	94	-	76	56.2	769.2
Onyx Oil & Gas Ltd.	100.0%	-	122	-	94	-	76	335.6	4,969.0
Panwestern Energy Inc.	0.0%	-	122	-	94	-	76	153.8	-
Petro Buyers Inc.	100.0%	-	122	-	94	-	76	2,492.2	315.7
Point North Energy Ltd.	100.0%	-	122	-	94	-	76	451.3	342.4
PPM Energy Canada Ltd.	100.0%	-	122	-	94	-	76	5,655.8	53,969.0
Renegade Resources Inc.	100.0%	-	122	-	94	-	76	2,200.8	649.0
RXO Energy Inc.	100.0%	-	122	-	94	-	76	188.6	176.3
Sahara Energy Ltd.	100.0%	-	122	-	94	-	76	52.4	0.5
Sequoia Oil & Gas Ltd.	100.0%	-	122	-	94	-	76	109.4	511.7
TKE Energy Inc	100.0%	-	122	-	94	-	76	1,954.6	157.2
Virtus Energy Ltd.	100.0%	-	122	-	94	-	76	574.4	306.9
Welton Energy Corporation	100.0%	-	122	-	94	-	76	830.2	1,000.2
Zapata Energy Corporation	100.0%	-	122	-	94	-	76	79.5	687.2
TOTALS FOR DRAYTON VALLEY	**98.5%**	**34,814.3**		**25,142.4**		**9,671.9**		**3,271,926.1**	**2,302,331.5**

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions, and divestments.

FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
GRANDE PRAIRIE CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000\ M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000\ M^3$)	FLARE RANK	GAS VENTED ($1000\ M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000\ M^3$)
Galleon Energy Inc.	70.2%	4,882.8	1	4,878.0	1	4.8	49	100,271.8	16,406.3
Compton Petroleum Corporation	94.7%	4,495.1	2	4,495.1	2	-	62	227,186.2	84,505.4
Talisman Energy Inc.	98.3%	4,415.2	3	4,231.6	3	183.6	15	233,151.1	258,713.7
Northrock Resources Ltd.	87.1%	3,662.8	4	2,901.4	6	761.4	5	23,721.9	28,435.6
Devon Canada	95.9%	3,638.1	5	3,097.7	5	540.4	9	199,190.1	88,964.4
ARC Resources Ltd.	97.8%	3,542.7	6	3,200.6	4	342.1	12	166,272.8	160,148.9
Conocophillips Canada Energy Partnership	91.0%	3,004.3	7	2,406.0	8	598.3	6	105,918.4	33,239.6
Daylight Energy Ltd.	93.8%	2,729.9	8	1,544.2	12	1,185.7	1	70,488.1	44,371.1
Titan Exploration Ltd.	80.7%	2,724.2	9	2,724.2	7	-	62	21,088.8	14,108.9
Anadarko Canada Corporation	92.8%	2,486.4	10	1,586.2	11	900.2	2	124,650.4	34,763.0
Canadian Natural Resources Limited	97.8%	2,448.6	11	2,162.0	9	286.6	13	216,478.8	110,509.8
Enermark Inc.	96.8%	2,021.8	12	1,460.5	14	561.3	8	45,854.2	62,284.8
Bonavista Petroleum Ltd.	97.9%	1,918.9	13	1,337.2	15	581.7	7	185,551.9	90,957.9
Cyries Energy Inc.	95.4%	1,912.3	14	1,534.0	13	378.3	10	37,618.3	41,342.6
Cold Creek Resources Ltd.	0.0%	1,877.3	15	1,877.3	10	-	62	1,102.1	1,877.3
Husky Oil Operations Limited	99.4%	1,831.0	16	1,035.3	22	795.7	4	166,989.0	305,509.5
Shell Canada Limited	96.4%	1,332.5	17	1,219.2	17	113.3	21	436,382.5	36,575.8
Apache Canada Ltd.	75.8%	1,240.0	18	1,225.0	16	15.0	39	79,755.1	5,120.1
Standard Energy Inc.	2.6%	1,152.1	19	1,152.1	18	-	62	2,006.2	1,182.4
Canetic Resources Inc.	97.1%	1,088.6	20	1,076.2	19	12.4	44	37,280.8	37,942.9
Encana Oil & Gas Partnership	99.3%	1,078.8	21	1,038.6	21	40.2	31	130,737.5	148,201.2
Barnwell of Canada, Limited	70.4%	1,068.3	22	1,068.3	20	-	62	10,948.6	3,606.5
Rife Resources Ltd.	98.5%	1,020.8	23	931.1	24	89.7	23	7,036.7	68,119.5
Paramount Resources Ltd.	94.0%	978.2	24	965.8	23	12.4	44	13,501.6	16,295.4
Koch Exploration Canada ULC	3.7%	896.4	25	-	114	896.4	3	17,942.0	930.5
Penn West Petroleum Ltd.	97.1%	821.9	26	681.7	28	140.2	19	65,118.3	27,923.5
Advantage Oil & Gas Ltd.	97.0%	753.3	27	672.2	29	81.1	26	43,889.2	25,216.0
Temple Energy Inc.	0.0%	752.4	28	752.4	25	-	62	464.5	752.4
Canex Energy Inc.	90.5%	693.8	29	693.8	26	-	62	20,131.1	7,301.1
Hunt Oil Company Of Canada, Inc.	99.0%	692.2	30	689.3	27	2.9	55	87,017.8	66,576.5
Birchcliff Energy Ltd.	93.4%	668.8	31	509.8	33	159.0	18	13,500.2	10,178.6
Capitol Energy Resources Ltd.	97.9%	618.5	32	616.1	30	2.4	57	131,527.3	29,382.4
Trilogy Energy Ltd.	98.9%	618.3	33	444.4	39	173.9	17	145,153.8	56,269.3
Primewest Energy Inc.	89.8%	559.7	34	559.7	31	-	62	10,806.0	5,503.5
Bow Valley Energy Ltd.	64.6%	547.1	35	540.9	32	6.2	48	6,387.6	1,544.3

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions, and divestments.

FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
GRANDE PRAIRIE CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000 M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000 M^3$)
Signalta Resources Limited	11.5%	510.5	36	147.4	70	363.1	11	3,641.9	577.1
ACC-CNR Resources Corporation	91.8%	510.0	37	328.8	51	181.2	16	24,623.7	6,199.9
Viking Holdings Inc.	82.4%	509.4	38	509.4	34	-	62	4,961.1	2,890.4
Grey Wolf Exploration Inc.	96.6%	503.7	39	503.7	35	-	62	17,951.5	14,600.1
Burlington Resources Canada Ltd.	97.4%	490.0	40	490.0	36	-	62	33,797.0	19,086.6
Enerplus Resources Corporation	95.0%	465.3	41	465.3	37	-	62	32,517.4	9,265.4
Rolling Thunder Exploration Ltd.	96.1%	454.1	42	454.1	38	-	62	15,373.7	11,696.9
Harvest Operations Corp.	83.5%	437.3	43	437.3	40	-	62	4,540.5	2,645.9
ConocoPhillips Canada Resources Corp.	96.8%	429.4	44	429.4	41	-	62	30,952.0	13,507.6
Advantage Oil & Gas Ltd.	96.7%	427.3	45	427.3	42	-	62	4,166.0	12,889.9
Samson Canada, Ltd.	91.1%	401.4	46	392.7	43	8.7	45	1,281.0	4,520.5
Adamant Energy Inc.	0.0%	391.0	47	391.0	44	-	62	1,399.8	391.0
1010100 Alberta Corporation	0.0%	372.8	48	372.8	45	-	62	295.2	372.8
Valiant Energy Inc.	80.9%	368.2	49	368.1	46	0.1	61	1,338.6	1,931.2
Blue Mountain Energy Ltd.	41.8%	361.8	50	273.3	56	88.5	24	2,696.9	622.0
Yoho Resources Inc.	80.6%	358.8	51	358.8	47	-	62	1,760.3	1,848.5
Tusk Energy Corporation	94.1%	342.3	52	342.3	48	-	62	18,662.9	5,799.3
Sutton Energy Ltd.	0.0%	335.7	53	335.7	49	-	62	229.2	335.7
Breaker Energy Ltd.	78.9%	334.7	54	333.7	50	1.0	59	30,136.5	1,584.2
Twin Butte Energy Ltd.	98.3%	323.4	55	323.4	52	-	62	6,357.4	18,652.6
Fairmount Energy Inc.	0.0%	321.3	56	321.3	53	-	62	405.7	321.3
Defiant Resources Corporation	96.3%	302.4	57	302.4	54	-	62	4,864.3	8,254.8
Bear Ridge Resources Ltd.	0.0%	287.1	58	287.1	55	-	62	1,830.0	287.1
C1 Energy Ltd.	0.0%	282.1	59	-	114	282.1	14	1,302.4	282.1
Seneca Energy Canada Inc.	62.8%	252.1	60	252.1	57	-	62	2,385.2	677.2
Progress Energy Ltd.	96.9%	237.1	61	155.9	68	81.2	25	5,340.4	7,535.6
EOG Resources Canada Inc.	0.0%	236.0	62	236.0	58	-	62	1,060.4	236.0
Montello Resources Ltd.	70.7%	235.0	63	235.0	59	-	62	2,544.1	803.3
Petrofund Corp.	97.0%	223.6	64	216.7	62	6.9	46	9,407.4	7,499.9
Seeker Petroleum Ltd.	0.0%	220.5	65	220.5	60	-	62	856.6	220.5
Drilcorp Energy Ltd.	98.3%	220.0	66	213.2	64	6.8	47	4,695.4	13,043.4
Ravenwood Energy Corp.	92.0%	217.8	67	217.8	61	-	62	6,408.0	2,731.3
Crescent Point Resources Ltd.	98.2%	215.5	68	215.5	63	-	62	24,260.8	12,122.1
Exalta Energy Inc	0.0%	205.5	69	167.3	66	38.2	32	2,199.3	205.5
Enterra Energy Corp.	98.1%	199.2	70	199.2	65	-	62	83,463.7	10,233.6

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FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
GRANDE PRAIRIE CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000 M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000 M^3$)
Compass Petroleum Inc.	44.8%	169.2	71	131.2	72	38.0	33	1,947.1	306.3
Sifton Energy Inc.	0.0%	160.7	72	160.7	67	-	62	708.0	160.7
Raven Energy Ltd.	18.5%	151.9	73	151.9	69	-	62	261.1	186.3
RSX Energy Inc.	96.1%	147.1	74	147.1	71	-	62	8,636.0	3,791.8
Tristar Oil & Gas Ltd.	5.6%	142.1	75	129.0	73	13.1	42	270.2	150.5
Wilderness Energy Corp.	0.0%	125.3	76	125.3	74	-	62	612.7	125.3
Dirham Construction Ltd.	0.0%	115.7	77	115.7	75	-	62	285.9	115.7
Storm Exploration Inc.	14.1%	113.7	78	-	114	113.7	20	5,297.5	132.3
Duvernay Oil Corp.	84.8%	109.8	79	109.8	76	-	62	2,402.4	723.1
NAL Resources Limited	99.9%	104.7	80	52.4	84	52.3	28	78,596.2	122,432.6
Kaiser Exploration Ltd.	74.0%	103.1	81	-	114	103.1	22	764.5	396.3
Mission Oil & Gas Inc.	98.2%	100.9	82	100.9	77	-	62	13,117.3	5,764.5
Mancal Energy Inc.	96.6%	99.3	83	58.9	82	40.4	30	36,128.4	2,926.4
Kereco Energy Ltd.	99.9%	97.8	84	97.8	78	-	62	174,374.1	73,854.3
Esprit Exploration Ltd.	99.4%	75.6	85	47.4	86	28.2	36	9,731.4	13,586.2
Masters Energy Inc.	0.0%	72.4	86	28.2	97	44.2	29	1,269.2	72.4
Ribbon Creek Resources Inc.	97.7%	64.8	87	37.1	90	27.7	37	4,240.9	2,875.1
Ketch Resources Ltd.	88.5%	64.2	88	64.2	79	-	62	3,151.0	557.5
Seneca Energy Canada Inc.	0.0%	62.9	89	62.9	80	-	62	699.6	62.9
Tripoint Energy Ltd.	77.2%	60.4	90	60.4	81	-	62	748.9	265.3
Peerless Oil & Gas Inc.	96.4%	57.0	91	57.0	83	-	62	223.4	1,577.0
Celtic Exploration Ltd.	0.0%	54.5	92	-	114	54.5	27	1,368.2	54.5
Trilogy Blue Mountain Ltd.	54.8%	51.9	93	49.9	85	2.0	58	478.9	114.9
C2 Energy Inc.	26.7%	42.2	94	42.2	87	-	62	654.0	57.6
Samson Canada Production Ltd.	97.9%	41.4	95	37.7	89	3.7	52	473.8	1,955.2
Provident Acquisitions L.P.	0.5%	41.4	95	41.4	88	-	62	270.1	41.6
Fair Sky Resources Inc.	0.0%	36.5	96	-	114	36.5	34	3,119.7	36.5
Terra Energy Corp.	0.0%	36.3	97	36.3	91	-	62	86.8	36.3
Primewest Gas Corp.	97.4%	36.0	98	36.0	92	-	62	3,824.0	1,362.7
Coastal Resources Limited	98.0%	31.6	99	-	114	31.6	35	3,221.8	1,604.8
Four Winds Energy Services Ltd.	0.0%	31.0	100	31.0	93	-	62	1,771.7	31.0
Zenas Energy Corp.	99.6%	30.9	101	30.9	94	-	62	29,668.6	7,426.8
Suncor Energy Inc.	99.9%	29.1	102	29.1	95	-	62	18,455.8	20,320.9
Arsenal Energy Inc.	0.0%	28.5	103	28.5	96	-	62	740.6	28.5
Shell Canada Energy	99.0%	26.8	104	22.5	99	4.3	50	34,022.2	2,649.4

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FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
GRANDE PRAIRIE CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000\ M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000\ M^3$)	FLARE RANK	GAS VENTED ($1000\ M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000\ M^3$)
Artek Exploration Ltd.	98.2%	23.3	105	23.3	98	-	62	2,230.5	1,281.4
Trilogy Redsky Ltd.	99.7%	23.3	105	-	114	23.3	38	4,424.7	8,183.1
Morpheus Energy Corporation	99.1%	18.6	106	18.6	100	-	62	1,853.7	1,998.3
Milestone Exploration Inc	0.0%	16.9	107	16.9	101	-	62	25.3	16.9
Avondale Energy Inc.	96.1%	15.5	108	15.5	102	-	62	2.3	400.3
Sierra Vista Energy Ltd.	98.2%	15.2	109	15.2	103	-	62	347.1	831.2
Redsky Energy Ltd.	99.5%	14.2	110	-	114	14.2	40	2,400.4	3,045.3
Glencoe Resources Ltd.	0.0%	13.4	111	-	114	13.4	41	255.0	13.4
Vista Resources Inc.	55.3%	13.0	112	-	114	13.0	43	391.1	29.1
Response Energy Corporation	92.1%	6.6	113	6.6	104	-	62	469.3	83.3
Imperial Oil Resources	99.9%	6.2	114	6.2	105	-	62	39,050.8	6,749.7
Zargon Oil & Gas Ltd.	0.0%	5.7	115	5.7	106	-	62	955.1	5.7
Argent Energy Inc.	99.4%	4.4	116	0.6	111	3.8	51	884.3	709.1
Madison Energy Corp.	97.0%	4.1	117	0.9	110	3.2	53	2,135.7	138.3
Greenbank Energy Ltd.	0.0%	3.4	118	0.3	112	3.1	54	92.0	3.4
Ascent Energy Ltd.	0.0%	2.8	119	2.8	107	-	62	28.2	2.8
Petro Buyers Inc.	69.7%	2.7	120	-	114	2.7	56	1,515.4	8.9
Welton Energy Corporation	99.5%	1.6	121	1.6	108	-	62	730.9	352.3
Dual Exploration Inc.	0.0%	1.3	122	1.3	109	-	62	3.6	1.3
Reber Exploration Ltd.	0.0%	0.7	123	-	114	0.7	60	54.4	0.7
Ridgeback Exploration Ltd.	0.0%	0.2	124	0.2	113	-	62	32.6	0.2
Anderson Energy Ltd.	0.0%	-	125	-	114	-	62	17.4	-
Ankerton Holdings Ltd.	100.0%	-	125	-	114	-	62	5,414.7	1,173.8
Baytex Energy Ltd.	100.0%	-	125	-	114	-	62	31,821.0	288.4
Berland Exploration Ltd.	0.0%	-	125	-	114	-	62	1.9	-
BG Canada Exploration and Production, Inc.	100.0%	-	125	-	114	-	62	-	1,056.6
Burlington Resources Canada (Hunter) Ltd.	0.0%	-	125	-	114	-	62	20.0	-
Clear Energy Inc.	100.0%	-	125	-	114	-	62	28,019.0	9,266.1
Delphi Energy Corp.	100.0%	-	125	-	114	-	62	1,811.5	712.2
Fairborne Energy Ltd.	100.0%	-	125	-	114	-	62	1,129.0	1,064.4
Milagro Energy Inc.	0.0%	-	125	-	114	-	62	203.6	-
Moonshine Resources Ltd.	100.0%	-	125	-	114	-	62	901.6	288.8
Mosaic Energy Ltd.	100.0%	-	125	-	114	-	62	3,148.7	4,509.8
Murphy Oil Company Ltd.	100.0%	-	125	-	114	-	62	269.8	1.5
Peyto Exploration & Development Corp.	100.0%	-	125	-	114	-	62	2,150.5	3,318.0

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FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
GRANDE PRAIRIE CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000 M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000 M^3$)
Sabretooth Energy Ltd.	100.0%	-	125	-	114	-	62	111.7	95.3
Sahara Energy Ltd.	100.0%	-	125	-	114	-	62	89.1	0.7
San Telmo Energy Inc.	100.0%	-	125	-	114	-	62	124.8	795.0
SET Resources Inc.	100.0%	-	125	-	114	-	62	10,010.4	1,946.4
Surat Energy Inc.	100.0%	-	125	-	114	-	62	135.3	667.6
Westbow Energy Inc.	100.0%	-	125	-	114	-	62	2,320.5	1,902.8
TOTALS FOR GRANDE PRAIRIE	**96.8%**	**79,065.2**		**68,471.5**		**10,593.7**		**4,160,031.9**	**2,435,357.3**

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions, and divestments.

FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
HIGH LEVEL CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000\ M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000\ M^3$)	FLARE RANK	GAS VENTED ($1000\ M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000\ M^3$)
Apache Canada Ltd.	93.4%	**5,121.7**	**1**	5,121.4	1	0.3	8	376,822.7	78,019.2
Husky Oil Operations Limited	99.7%	**4,871.2**	**2**	4,870.6	2	0.6	7	717,410.0	1,668,000.1
ARC Resources Ltd.	78.2%	**3,674.8**	**3**	3,442.8	4	232.0	1	104,486.4	16,856.6
Cyries Energy Inc.	38.7%	**3,487.5**	**4**	3,487.5	3	-	10	40,881.4	5,690.0
Warburg Resources Inc.	0.0%	**2,068.0**	**5**	2,019.0	5	49.0	2	6,895.5	2,068.0
Navigo Energy Inc.	81.2%	**1,068.7**	**6**	1,068.7	6	-	10	53,032.4	5,688.3
Pengrowth Corporation	4.9%	**973.8**	**7**	973.8	7	-	10	10,699.1	1,024.1
Imperial Oil Resources	99.1%	**957.8**	**8**	957.8	8	-	10	84,091.4	111,958.6
Exxonmobil Canada Ltd. And Exxonmobil Resources Ltd.	99.8%	**523.9**	**9**	523.9	9	-	10	48,353.6	229,024.5
SET Resources Inc.	75.3%	**476.2**	**10**	476.2	10	-	10	16,027.0	1,927.4
Bearspaw Petroleum Ltd.	86.3%	**236.1**	**11**	236.1	11	-	10	29,801.0	1,717.4
Tusk Energy Corporation	96.1%	**203.0**	**12**	203.0	12	-	10	28,940.4	5,215.3
Burlington Resources Canada Ltd.	99.4%	**155.8**	**13**	120.6	14	35.2	4	23,408.7	26,245.5
Provident Energy Ltd.	0.0%	**128.3**	**14**	128.3	13	-	10	1,317.4	128.3
Samson Canada, Ltd.	0.0%	**120.0**	**15**	120.0	15	-	10	2,397.0	120.0
Compton Petroleum Corporation	8.1%	**82.1**	**16**	80.8	16	1.3	6	672.0	89.3
Enerplus Commercial Trust	99.8%	**69.4**	**17**	22.6	22	46.8	3	31,245.5	32,708.6
Conocophillips Canada Energy Partnership	99.3%	**68.3**	**18**	68.1	17	0.2	9	10,386.1	10,357.8
Atlas Energy Ltd.	0.0%	**67.8**	**19**	67.8	18	-	10	794.4	67.8
Samson Calahoo Petroleum Ltd.	0.0%	**42.3**	**20**	42.3	19	-	10	396.3	42.3
Caribou Resources Corp.	0.0%	**41.2**	**21**	32.4	21	8.8	5	3,860.9	41.2
Prairie Schooner Petroleum Ltd.	99.8%	**35.7**	**22**	35.7	20	-	10	3,012.7	16,867.4
Arcan Resources Ltd.	100.0%	-	**23**	-	23	-	10	331.9	133.5
Devon Canada	100.0%	-	**23**	-	23	-	10	10,388.2	16,096.1
Primewest Energy Inc.	100.0%	-	**23**	-	23	-	10	7,703.8	794.0
True Energy Inc.	100.0%	-	**23**	-	23	-	10	457.9	1,790.3
TOTALS FOR HIGH LEVEL	**98.9%**	**24,473.6**		**24,099.4**		**374.2**		**1,613,813.7**	**2,232,671.6**

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions, and divestments.

FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
MEDICINE HAT CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000\ M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000\ M^3$)	FLARE RANK	GAS VENTED ($1000\ M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000\ M^3$)
Husky Oil Operations Limited	89.0%	**5,970.2**	**1**	5,572.4	1	397.8	5	461,853.1	54,197.9
Canetic Resources Inc.	70.4%	**4,898.5**	**2**	4,896.8	2	1.7	43	198,404.8	16,546.1
Enerplus Resources Corporation	95.1%	**4,480.1**	**3**	4,480.1	3	-	51	173,145.8	90,982.0
Canadian Natural Resources Limited	93.8%	**3,517.1**	**4**	3,104.4	5	412.7	4	464,399.7	56,298.1
Avenir Operating Corp.	46.5%	**3,186.5**	**5**	3,104.8	4	81.7	13	44,607.7	5,950.7
Gentry Resources Ltd.	86.1%	**3,067.0**	**6**	3,067.0	6	-	51	62,512.8	22,088.3
Conocophillips Canada Energy Partnership	95.7%	**2,849.2**	**7**	1,701.9	11	1,147.3	2	332,279.3	65,883.6
Encana Oil & Gas Partnership	98.5%	**2,452.6**	**8**	667.3	17	1,785.3	1	1,597,236.8	161,334.8
Harvest Operations Corp.	87.2%	**2,257.3**	**9**	2,211.3	7	46.0	18	381,864.9	17,603.8
Celtic Exploration Ltd.	83.6%	**2,209.4**	**10**	2,092.7	8	116.7	10	61,300.0	13,480.9
Penn West Petroleum Ltd.	93.1%	**2,178.7**	**11**	1,881.1	9	297.6	6	159,741.4	31,559.4
Primewest Energy Inc.	86.4%	**1,778.5**	**12**	1,694.1	12	84.4	12	116,678.4	13,096.2
ARC Resources Ltd.	57.8%	**1,727.4**	**13**	1,725.2	10	2.2	42	59,724.4	4,092.3
Viking Holdings Inc.	64.4%	**1,322.4**	**14**	1,288.3	13	34.1	22	24,961.6	3,716.6
Esprit Exploration Ltd.	94.3%	**1,131.0**	**15**	1,070.2	14	60.8	14	58,203.0	20,005.0
Enterra Production Corp.	83.3%	**978.1**	**16**	978.1	15	-	51	22,480.6	5,850.4
Churchill Energy Inc.	7.6%	**822.1**	**17**	820.5	16	1.6	44	8,027.6	889.4
Enermark Inc.	94.3%	**659.4**	**18**	519.2	20	140.2	7	134,135.6	11,494.3
Provident Energy Ltd.	90.8%	**650.2**	**19**	650.2	18	-	51	8,540.9	7,080.0
Zargon Oil & Gas Ltd.	82.5%	**564.4**	**20**	564.4	19	-	51	21,165.5	3,217.7
Bonavista Petroleum Ltd.	95.9%	**554.5**	**21**	44.5	55	510.0	3	142,499.9	13,413.9
Real Resources	95.5%	**475.9**	**22**	424.7	22	51.2	16	35,180.9	10,582.9
Tristar Oil & Gas Ltd.	14.1%	**468.9**	**23**	468.7	21	0.2	50	2,575.7	546.1
Breakside Energy Ltd.	48.4%	**424.1**	**24**	292.5	26	131.6	8	8,667.7	821.8
Signalta Resources Limited	90.7%	**409.0**	**25**	409.0	23	-	51	9,807.3	4,407.4
Thunder Energy Inc.	98.1%	**346.4**	**26**	229.8	31	116.6	11	19,708.7	17,993.1
Enerplus Oil & Gas Ltd.	0.0%	**331.3**	**27**	331.3	24	-	51	2,539.1	331.3
Dominion Exploration Canada Ltd.	2.1%	**328.8**	**28**	328.8	25	-	51	10,652.2	336.0
Compass Petroleum Inc.	88.3%	**294.3**	**29**	274.3	28	20.0	28	27,011.1	2,505.1
Canadian Superior Energy Inc.	94.7%	**293.4**	**30**	291.2	27	2.2	42	9,408.2	5,536.1
Sword Energy Limited	89.2%	**266.2**	**31**	266.2	29	-	51	9,785.2	2,469.3
Advantage Oil & Gas Ltd.	49.0%	**265.8**	**32**	265.8	30	-	51	9,294.2	520.9
Pengrowth Corporation	19.3%	**199.7**	**33**	199.7	32	-	51	732.7	247.6
Questerre Beaver River Inc.	5.6%	**191.6**	**34**	191.6	33	-	51	2,136.0	202.9
Petrofund Corp.	94.4%	**186.5**	**35**	173.2	34	13.3	32	14,584.6	3,352.4

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FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
MEDICINE HAT CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Anadarko Canada Corporation	99.2%	157.4	36	154.2	35	3.2	41	84,314.4	19,449.0
Independent Energy Ltd.	3.9%	137.3	37	137.3	36	-	51	902.7	142.8
Vanquish Oil & Gas Corporation	0.0%	128.2	38	128.2	37	-	51	1,510.1	128.2
Provident Acquisitions L.P.	93.1%	124.1	39	102.8	40	21.3	26	3,728.0	1,804.5
Diamond Tree Resources Ltd.	0.0%	120.0	40	-	72	120.0	9	2,532.0	120.0
Arsenal Energy Inc.	89.3%	110.3	41	99.8	44	10.5	36	2,995.8	1,031.1
Paramount Resources Ltd.	96.8%	105.9	42	105.9	38	-	51	22,063.8	3,261.5
Berens Energy Ltd.	89.0%	105.3	43	84.1	47	21.2	27	4,984.6	958.7
E4 Energy Inc.	3.6%	103.2	44	103.2	39	-	51	61.0	107.0
Advantage Oil & Gas Ltd.	98.3%	102.5	45	102.5	41	-	51	26,131.3	6,013.6
Zapata Energy Corporation	94.2%	101.3	46	101.3	42	-	51	9,189.6	1,751.0
Band Energy Resources Ltd.	34.4%	100.8	47	100.8	43	-	51	248.0	153.7
Centrica Canada Limited	97.5%	99.5	48	87.5	46	12.0	34	5,077.5	4,051.2
Hunt Oil Company Of Canada, Inc.	0.0%	98.0	49	73.3	51	24.7	24	724.5	98.0
Stride Energy Ltd.	5.6%	95.2	50	95.2	45	-	51	1,324.1	100.8
Glencoe Resources Ltd.	0.0%	89.8	51	81.8	48	8.0	37	284.0	89.8
Seneca Energy Canada Inc.	95.8%	84.8	52	69.6	53	15.2	31	12,636.1	2,007.5
Peregrine Energy Ltd.	85.3%	74.9	53	74.9	49	-	51	8,421.4	510.5
Sutton Energy Ltd.	0.0%	73.9	54	73.9	50	-	51	453.2	73.9
Berry Creek Resources Inc.	88.8%	72.4	55	72.4	52	-	51	245.6	645.8
Oakmont Energy Ltd.	58.1%	57.6	56	57.6	54	-	51	3,526.1	137.5
Winstar Resources Ltd.	63.2%	53.2	57	-	72	53.2	15	5,884.2	144.6
ConocoPhillips Canada Resources Corp.	99.5%	46.2	58	-	72	46.2	17	13,423.9	10,213.7
Atlas Energy Ltd.	0.0%	45.9	59	-	72	45.9	19	896.5	45.9
Seneca Energy Canada Inc.	85.3%	41.9	60	41.5	56	0.4	49	723.8	284.8
EOG Resources Canada Inc.	96.9%	40.1	61	-	72	40.1	20	3,028.2	1,294.2
Pocaterra Energy Inc.	94.3%	35.0	62	34.8	57	0.2	50	4,300.5	611.8
Glamis Resources Ltd.	81.1%	34.7	63	-	72	34.7	21	1,680.8	183.5
Dual Exploration Inc.	97.4%	34.4	64	33.5	58	0.9	46	7,349.3	1,347.7
Diaz Resources Ltd.	0.0%	33.4	65	31.7	59	1.7	43	728.4	33.4
Racing Resources Ltd.	0.0%	27.2	66	1.7	67	25.5	23	1,161.5	27.2
Primewest Gas Corp.	18.8%	23.3	67	23.3	60	-	51	502.3	28.7
Sierra Vista Energy Ltd.	0.0%	21.5	68	-	72	21.5	25	736.3	21.5
Lario Oil & Gas Company	99.6%	19.5	69	2.4	66	17.1	30	21,048.8	4,345.0
Ridal Resource Ltd.	0.0%	17.4	70	-	72	17.4	29	163.7	17.4

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FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
MEDICINE HAT CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000 M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000 M^3$)
Tiger-Cat Energy Ltd.	0.0%	15.8	71	15.8	61	-	51	204.7	15.8
ACC-CNR Resources Corporation	99.6%	15.3	72	15.3	62	-	51	15,132.1	3,500.3
Kingsmere Exploration Ltd.	0.0%	12.4	73	-	72	12.4	33	1,135.3	12.4
Fairwest Energy Corporation	99.3%	11.3	74	11.3	63	-	51	1,371.9	1,626.6
B&G Energy Ltd.	47.1%	11.1	75	-	72	11.1	35	352.2	21.0
Hygait Resources Ltd.	0.0%	11.1	75	11.1	64	-	51	167.0	11.1
Kerogen Petroleum Ltd.	99.4%	10.5	76	-	72	10.5	36	3,761.8	1,907.2
Nuvista Energy Ltd.	99.6%	7.9	77	7.9	65	-	51	3,806.5	1,812.6
Indra Oil & Gas Ltd.	0.0%	6.1	78	-	72	6.1	38	585.4	6.1
NAL Resources Limited	97.3%	4.6	79	0.7	70	3.9	39	1,330.6	171.4
Alberta Petroleum Energy Limited	0.0%	3.6	80	-	72	3.6	40	735.5	3.6
Carl Oil and Gas Ltd.	0.0%	3.6	80	-	72	3.6	40	478.1	3.6
Wrangler West Energy Corp.	99.7%	2.2	81	-	72	2.2	42	7,932.6	775.9
Anterra Resources Inc.	97.8%	1.8	82	1.3	68	0.5	48	1,996.2	82.2
Circumpacific Energy Corporation	97.6%	1.2	83	-	72	1.2	45	2,885.1	49.4
Crescent Point Resources Ltd.	99.9%	1.2	83	1.2	69	-	51	561.9	1,394.8
Panterra Energy Corp. Ltd.	42.9%	1.2	83	0.7	70	0.5	48	215.0	2.1
Regal Energy Ltd.	94.8%	0.9	84	-	72	0.9	46	1,083.2	17.4
Teague Exploration Inc.	0.0%	0.8	85	-	72	0.8	47	48.1	0.8
Fairmount Energy Inc.	0.0%	0.4	86	0.4	71	-	51	0.2	0.4
Anterra Midstream Inc.	100.0%	-	87	-	72	-	51	195.8	69.0
Bow Valley Energy Ltd.	0.0%	-	87	-	72	-	51	102.1	-
Coastal Resources Limited	100.0%	-	87	-	72	-	51	587.0	424.7
Cyries Energy Inc.	100.0%	-	87	-	72	-	51	2,047.5	1,012.7
Eiger Energy Ltd.	100.0%	-	87	-	72	-	51	2,099.7	105.9
Enerstar Petroleum Corp.	0.0%	-	87	-	72	-	51	216.5	-
Find Energy Ltd.	0.0%	-	87	-	72	-	51	121.3	-
Frontier Energy Inc.	0.0%	-	87	-	72	-	51	161.5	-
International Frontier Resources Corporation	100.0%	-	87	-	72	-	51	2,790.5	67.5
Ketch Resources Ltd.	100.0%	-	87	-	72	-	51	351.3	284.6
Northrock Resources Ltd.	100.0%	-	87	-	72	-	51	-	724.1
Onyx Oil & Gas Ltd.	100.0%	-	87	-	72	-	51	341.9	434.6
Reintjes Enterprises Ltd.	100.0%	-	87	-	72	-	51	117.1	0.5
San Juan Resources Inc.	100.0%	-	87	-	72	-	51	1,194.1	755.1
Silver Bay Resources Ltd.	100.0%	-	87	-	72	-	51	67.8	17.9

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FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
MEDICINE HAT CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000 M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000 M^3$)
Twin Butte Energy Ltd.	100.0%	-	87	-	72	-	51	3,793.6	2,031.0
Wave Energy Ltd.	0.0%	-	87	-	72	-	51	5.3	-
Westdrum Energy Ltd.	100.0%	-	87	-	72	-	51	0.7	124.8
TOTALS FOR MEDICINE HAT	**92.7%**	**54,475.6**		**48,422.2**		**6,053.4**		**5,006,806.5**	**747,336.9**

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FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
MIDNAPORE CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000 M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000 M^3$)
Bonavista Petroleum Ltd.	90.2%	**1,982.4**	**1**	264.4	25	1,718.0	1	96,654.3	20,126.9
Provident Acquisitions L.P.	90.0%	**1,636.2**	**2**	1,636.2	1	-	51	50,362.2	16,312.6
Milestone Exploration Inc	69.6%	**1,336.0**	**3**	1,336.0	2	-	51	15,848.8	4,396.1
Burlington Resources Canada Ltd.	60.4%	**1,268.9**	**4**	1,268.9	3	-	51	11,492.2	3,205.2
Endev Energy Inc.	31.3%	**1,146.6**	**5**	1,122.4	5	24.2	24	10,164.0	1,668.1
Canetic Resources Inc.	95.1%	**1,130.8**	**6**	1,126.8	4	4.0	43	75,128.6	22,895.1
Drumlin Energy Corp.	0.0%	**1,097.1**	**7**	197.1	31	900.0	2	11,181.4	1,097.1
Talisman Energy Inc.	96.7%	**1,092.9**	**8**	722.4	12	370.5	4	150,054.0	32,845.0
Encana Oil & Gas Partnership	99.4%	**945.4**	**9**	863.3	8	82.1	15	308,766.9	147,019.2
Canadian Natural Resources Limited	95.9%	**940.6**	**10**	897.4	7	43.2	21	50,480.8	22,792.9
Bearspaw Petroleum Ltd.	76.4%	**901.9**	**11**	901.9	6	-	51	16,044.4	3,822.1
Penn West Petroleum Ltd.	73.6%	**859.6**	**12**	859.4	9	0.2	50	7,816.5	3,257.9
Stylus Energy Inc.	92.3%	**805.3**	**13**	805.3	10	-	51	7,856.9	10,451.5
ARC Resources Ltd.	64.9%	**778.3**	**14**	778.3	11	-	51	11,071.0	2,218.6
Hornet Energy Ltd.	93.0%	**714.5**	**15**	714.5	13	-	51	8,633.5	10,170.8
Zapata Energy Corporation	72.4%	**713.2**	**16**	713.2	14	-	51	6,758.3	2,586.4
Hunt Oil Company Of Canada, Inc.	97.2%	**710.7**	**17**	572.1	16	138.6	11	32,033.8	25,481.2
Husky Oil Operations Limited	99.3%	**644.0**	**18**	395.2	20	248.8	8	73,299.9	96,462.2
Signalta Resources Limited	14.2%	**640.6**	**19**	329.5	21	311.1	6	2,975.4	746.3
Conocophillips Canada Energy Partnership	98.3%	**606.2**	**20**	537.2	17	69.0	17	26,848.0	34,752.6
Tristar Oil & Gas Ltd.	97.7%	**605.2**	**21**	592.3	15	12.9	33	32,759.4	26,366.7
EOG Resources Canada Inc.	98.5%	**564.3**	**22**	116.5	37	447.8	3	19,649.7	38,050.3
Provident Energy Ltd.	95.9%	**521.9**	**23**	420.8	19	101.1	13	57,897.6	12,812.8
Harvest Operations Corp.	99.1%	**446.7**	**24**	444.1	18	2.6	45	77,098.0	47,558.0
Compton Petroleum Corporation	92.3%	**422.5**	**25**	81.3	41	341.2	5	6,581.5	5,460.5
Navigo Energy Inc.	82.0%	**326.3**	**26**	326.3	22	-	51	3,907.9	1,808.0
Paramount Resources Ltd.	69.6%	**288.6**	**27**	288.6	23	-	51	1,033.1	950.0
Primary Petroleum Corporation	0.0%	**280.4**	**28**	280.4	24	-	51	422.9	280.4
Vault Energy Inc.	98.9%	**264.3**	**29**	262.7	26	1.6	47	10,064.1	24,575.2
Canadian Superior Energy Inc.	96.4%	**264.0**	**30**	-	78	264.0	7	17,896.1	7,277.6
Peregrine Energy Ltd.	12.7%	**251.4**	**31**	251.4	27	-	51	873.9	287.9
Daylight Energy Ltd.	73.9%	**251.3**	**32**	251.3	28	-	51	3,567.4	963.8
Sphere Energy Corp.	1.3%	**247.3**	**33**	240.2	29	7.1	39	1,281.3	250.6
Baseline Oil & Gas Inc.	0.0%	**239.0**	**34**	-	78	239.0	9	843.2	239.0
Emm Energy Inc.	0.0%	**203.0**	**35**	-	78	203.0	10	390.3	203.0

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FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
MIDNAPORE CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000 M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000 M^3$)
Chamaelo Exploration Ltd.	28.1%	202.3	36	202.3	30	-	51	2,003.9	281.4
1065117 Alberta Ltd.	95.8%	172.9	37	157.9	33	15.0	31	13,535.6	4,100.1
Pengrowth Corporation	98.9%	170.1	38	170.1	32	-	51	47,518.3	15,552.0
Alban Energy Ltd.	0.0%	151.8	39	151.8	34	-	51	296.0	151.8
Exxonmobil Canada Ltd. And Exxonmobil Resources Ltd.	97.9%	150.3	40	79.4	42	70.9	16	69,708.8	6,999.8
Shiningbank Energy Ltd.	99.2%	146.7	41	146.7	35	-	51	15,100.5	18,594.8
Find Energy Ltd.	97.9%	120.3	42	120.3	36	-	51	3,162.1	5,777.2
Petrobank Energy And Resources Ltd.	92.7%	116.7	43	99.6	39	17.1	29	1,941.2	1,589.8
Endev Exploration Ltd.	42.0%	115.2	44	94.5	40	20.7	27	1,740.8	198.6
Advantage Oil & Gas Ltd.	90.8%	106.2	45	-	78	106.2	12	2,668.6	1,150.7
Masters Energy Inc.	96.9%	101.9	46	54.9	49	47.0	18	44,811.1	3,337.2
Avenir Operating Corp.	0.0%	99.8	47	99.8	38	-	51	444.5	99.8
Concerto Resources Ltd.	36.9%	84.1	48	-	78	84.1	14	642.3	133.3
Seneca Energy Canada Inc.	99.8%	78.3	49	46.0	52	32.3	23	6,534.6	46,995.0
Anadarko Canada Corporation	99.5%	76.0	50	76.0	43	-	51	122,134.6	15,109.8
Drake Pacific Enterprises Ltd.	0.0%	75.0	51	75.0	44	-	51	959.2	75.0
Provident Acquisitions Inc.	98.6%	73.3	52	65.2	45	8.1	38	4,144.1	5,143.0
Primewest Energy Inc.	99.7%	65.7	53	54.7	50	11.0	36	21,802.3	26,011.9
Baytex Energy Ltd.	99.2%	64.9	54	64.9	46	-	51	21,147.6	7,892.2
Vermilion Resources Ltd.	0.0%	64.0	55	64.0	47	-	51	520.6	64.0
Coastal Resources Limited	92.1%	60.8	56	60.8	48	-	51	1,197.6	765.0
Devon Canada	99.3%	54.9	57	54.9	49	-	51	16,348.9	8,165.9
Newpact Energy Corp.	0.0%	51.9	58	48.6	51	3.3	44	517.4	51.9
Primewest Gas Corp.	95.6%	47.6	59	41.7	54	5.9	41	810.6	1,093.2
Seneca Energy Canada Inc.	0.0%	46.8	60	-	78	46.8	19	1,784.2	46.8
Shanpet Resources Ltd.	0.0%	46.3	61	-	78	46.3	20	994.3	46.3
EnerNorth Industries Inc.	0.0%	43.8	62	9.9	65	33.9	22	346.0	43.8
Crescent Point Resources Ltd.	99.4%	42.6	63	42.6	53	-	51	30,184.0	7,528.2
Trimox Energy Inc.	99.8%	36.6	64	36.6	55	-	51	9,498.9	18,609.8
Canadian Forest Oil Ltd.	99.7%	36.5	65	16.3	63	20.2	28	5,174.2	12,383.1
Advantage Oil & Gas Ltd.	99.8%	27.0	66	14.4	64	12.6	34	50,375.3	16,048.6
Cal-Ranch Resources Inc.	0.0%	26.7	67	26.7	56	-	51	447.3	26.7
Magnus One Energy Corp.	70.2%	25.2	68	25.2	57	-	51	233.0	84.5
545279 Alberta Limited	0.0%	23.6	69	1.1	74	22.5	25	225.7	23.6
C & T Resources Ltd	92.8%	23.5	70	23.5	58	-	51	620.0	327.0

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FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
MIDNAPORE CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
SET Resources Inc.	96.7%	22.5	71	22.5	59	-	51	1,081.7	683.1
Mika Resources Ltd	97.6%	22.0	72	22.0	60	-	51	270.3	927.4
Petrofund Corp.	98.7%	21.7	73	21.7	61	-	51	2,668.2	1,702.5
Silver Blaze Energy Ltd.	90.7%	21.6	74	-	78	21.6	26	1,097.1	232.6
KVR Resources Ltd.	0.0%	20.6	75	20.6	62	-	51	34.5	20.6
Band Energy Resources Ltd.	0.0%	15.7	76	-	78	15.7	30	13.3	15.7
Devexco Resources Ltd.	14.3%	14.4	77	-	78	14.4	32	150.5	16.8
Castle Rock Petroleum Ltd.	78.2%	11.2	78	-	78	11.2	35	106.6	51.4
Ferrybank Resources Ltd.	67.9%	10.4	79	-	78	10.4	37	1,010.9	32.4
International Sovereign Energy Corp.	35.3%	9.7	80	9.7	66	-	51	163.8	15.0
Wolf Coulee Resources Inc.	0.0%	9.4	81	9.4	67	-	51	34.2	9.4
Enermark Inc.	99.7%	8.2	82	8.2	68	-	51	4,104.6	2,447.4
Indra Oil & Gas Ltd.	0.0%	8.2	82	8.2	68	-	51	500.9	8.2
Apache Canada Ltd.	0.0%	7.2	83	7.2	69	-	51	567.9	7.2
Hard Rock Resources Ltd.	50.4%	6.8	84	-	78	6.8	40	878.1	13.7
Pioneer Natural Resources Canada Inc.	99.8%	5.6	85	5.6	70	-	51	7,888.3	2,843.4
Flagstone Energy Inc.	0.0%	5.3	86	-	78	5.3	42	1,404.3	5.3
ACC-CNR Resources Corporation	99.9%	4.4	87	4.4	71	-	51	22,804.9	3,143.0
Viking Holdings Inc.	99.9%	3.9	88	3.9	72	-	51	12,288.6	5,472.8
Hawk Energy Corp.	99.5%	3.5	89	2.7	73	0.8	49	6,863.1	665.6
Thunder Energy Inc.	99.8%	2.0	90	-	78	2.0	46	2,819.4	1,307.9
Flagship Energy Inc.	99.8%	1.4	91	-	78	1.4	48	3,279.5	655.0
Pocahontas Petroleum Ltd.	0.0%	0.8	92	-	78	0.8	49	89.4	0.8
Esprit Exploration Ltd.	0.0%	0.5	93	0.5	75	-	51	212.7	0.5
Winstar Resources Ltd.	99.9%	0.4	94	0.4	76	-	51	977.6	510.2
EnCana Corporation	0.0%	0.1	95	0.1	77	-	51	14.2	0.1
Starchild Energy Systems Ltd.	83.3%	0.1	95	0.1	77	-	51	6.6	0.6
1107567 Alberta Ltd.	100.0%	-	96	-	78	-	51	8,923.2	4,076.3
591536 Alberta Inc	100.0%	-	96	-	78	-	51	392.3	53.6
Atlas Energy Ltd.	100.0%	-	96	-	78	-	51	3,268.6	7,861.8
Bowood Energy Corp.	100.0%	-	96	-	78	-	51	433.6	1,693.6
BP Canada Energy Company	100.0%	-	96	-	78	-	51	-	21,853.1
Celtic Exploration Ltd.	100.0%	-	96	-	78	-	51	463.3	171.0
Centrica Canada Limited	100.0%	-	96	-	78	-	51	587.2	287.7
ConocoPhillips Canada Resources Corp.	100.0%	-	96	-	78	-	51	251.2	1,117.4

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions, and divestments.

FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
MIDNAPORE CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000 M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000 M^3$)
Crew Energy Partnership	100.0%	-	96	-	78	-	51	-	58.2
Highpine Oil & Gas Limited	100.0%	-	96	-	78	-	51	4,937.2	1,153.9
King Energy Inc.	100.0%	-	96	-	78	-	51	40.1	376.2
Lario Oil & Gas Company	100.0%	-	96	-	78	-	51	1,692.6	880.7
Onyx Oil & Gas Ltd.	100.0%	-	96	-	78	-	51	25.8	100.6
Petenco Resources Ltd.	100.0%	-	96	-	78	-	51	162.5	1,104.3
Petro Buyers Inc.	0.0%	-	96	-	78	-	51	118.0	-
Pioneer Energy Canada Ltd.	100.0%	-	96	-	78	-	51	27.9	39.2
Pure Oil & Gas Co Ltd	100.0%	-	96	-	78	-	51	140.4	401.1
Real Resources	100.0%	-	96	-	78	-	51	4,161.5	2,480.4
Response Energy Corporation	100.0%	-	96	-	78	-	51	27.5	124.0
Rider Resources Ltd.	100.0%	-	96	-	78	-	51	27.0	89.0
Sequoia Oil & Gas Ltd.	100.0%	-	96	-	78	-	51	178.9	89.1
Silverwing Energy Inc.	100.0%	-	96	-	78	-	51	1,826.5	690.0
Strike Petroleum Ltd.	100.0%	-	96	-	78	-	51	1,000.2	167.7
The Locke Stock & Barrel Company Ltd.	0.0%	-	96	-	78	-	51	281.2	-
Westdrum Energy Ltd.	100.0%	-	96	-	78	-	51	119.4	183.0
TOTALS FOR MIDNAPORE	**96.9%**	**28,194.3**		**21,970.0**		**6,224.3**	**51**	**1,807,728.7**	**919,733.9**

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions, and divestments.

FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
RED DEER CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000 M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000 M^3$)
Bonavista Petroleum Ltd.	97.9%	**2,161.1**	**1**	1,312.2	1	848.9	2	88,998.6	104,569.1
Devon Canada	98.8%	**1,692.9**	**2**	1,100.6	4	592.3	3	243,044.3	145,466.2
Glencoe Resources Ltd.	79.9%	**1,494.2**	**3**	452.9	14	1,041.3	1	6,309.1	7,429.6
NAL Resources Limited	99.3%	**1,272.1**	**4**	944.6	7	327.5	7	223,336.6	191,290.1
Bow Valley Energy Ltd.	0.0%	**1,188.2**	**5**	1,092.0	5	96.2	16	9,634.7	1,188.2
ConocoPhillips Canada Resources Corp.	99.3%	**1,182.7**	**6**	1,125.9	3	56.8	29	214,578.9	172,785.8
Gladius Energy Inc.	0.0%	**1,169.1**	**7**	1,169.1	2	-	73	1,695.0	1,169.1
Canetic Resources Inc.	97.7%	**1,040.5**	**8**	1,020.3	6	20.2	41	127,915.5	44,469.2
Penn West Petroleum Ltd.	99.4%	**991.8**	**9**	633.9	13	357.9	5	140,588.8	171,805.3
Northrock Resources Ltd.	95.2%	**888.4**	**10**	745.1	11	143.3	14	89,698.6	18,516.0
High Plains Energy Inc.	0.0%	**812.2**	**11**	806.2	8	6.0	59	6,019.7	812.2
Fairborne Energy Ltd.	96.5%	**779.1**	**12**	779.1	9	-	73	97,120.1	22,579.9
Apache Canada Ltd.	99.0%	**761.5**	**13**	239.5	28	522.0	4	43,169.6	77,004.0
Bearspaw Petroleum Ltd.	92.8%	**753.0**	**14**	753.0	10	-	73	55,049.1	10,422.0
Pengrowth Corporation	98.0%	**729.0**	**15**	719.9	12	9.1	54	40,275.8	36,189.5
Conocophillips Canada Energy Partnership	99.0%	**535.1**	**16**	237.5	29	297.6	8	110,804.0	55,094.9
Imperial Oil Resources	98.7%	**442.8**	**17**	96.9	53	345.9	6	102,788.1	33,080.8
Signalta Resources Limited	92.4%	**414.1**	**18**	176.6	37	237.5	9	16,595.0	5,414.8
Esprit Exploration Ltd.	96.5%	**395.8**	**19**	323.1	19	72.7	22	8,664.1	11,287.2
Shiningbank Energy Ltd.	99.0%	**391.4**	**20**	375.5	15	15.9	47	10,644.6	40,667.4
Grand Petroleum Inc.	97.2%	**391.3**	**21**	324.0	18	67.3	25	16,963.8	14,027.0
Crew Energy Partnership	92.9%	**333.3**	**22**	333.3	16	-	73	3,926.6	4,672.7
Burlington Resources Canada Ltd.	98.9%	**332.3**	**23**	332.3	17	-	73	14,374.0	30,486.8
Winstar Resources Ltd.	6.0%	**322.3**	**24**	322.3	20	-	73	147.4	342.7
Advantage Oil & Gas Ltd.	99.6%	**318.0**	**25**	229.6	30	88.4	18	72,901.2	78,169.4
Exxonmobil Canada Ltd. And Exxonmobil Resources Ltd.	99.5%	**315.6**	**26**	299.4	21	16.2	46	83,717.0	57,581.0
Enerplus Resources Corporation	98.2%	**309.7**	**27**	264.4	25	45.3	30	19,928.4	17,224.4
Vault Energy Inc.	99.5%	**295.1**	**28**	295.1	22	-	73	68,992.2	62,554.7
Petro-Canada	99.7%	**290.4**	**29**	287.5	23	2.9	64	188,397.8	89,133.4
Chamaelo Exploration Ltd.	99.1%	**288.1**	**30**	204.4	33	83.7	19	52,076.0	31,013.4
True Energy Inc.	99.2%	**282.8**	**31**	215.7	31	67.1	26	3,973.8	35,383.8
EOG Resources Canada Inc.	99.4%	**277.3**	**32**	246.5	27	30.8	36	44,536.2	45,502.6
Celtic Exploration Ltd.	46.8%	**265.5**	**33**	265.5	24	-	73	2,001.1	498.8
Enermark Inc.	97.7%	**254.5**	**34**	252.3	26	2.2	66	6,474.0	11,184.1
Primewest Energy Inc.	99.5%	**237.6**	**35**	200.1	34	37.5	32	28,698.8	52,424.0

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FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
RED DEER CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000 M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000 M^3$)
Onyx Oil & Gas Ltd.	85.1%	210.6	36	210.6	32	-	73	2,364.5	1,412.8
Husky Oil Operations Limited	99.4%	205.3	37	53.1	62	152.2	13	56,892.0	35,985.9
Prairie Schooner Petroleum Ltd.	96.9%	189.4	38	-	100	189.4	10	3,635.7	6,062.2
Deep Resources Ltd.	14.6%	188.8	39	188.8	35	-	73	1,592.3	221.2
Wolf Coulee Resources Inc.	3.4%	186.7	40	186.7	36	-	73	1,434.9	193.3
Canadian Natural Resources Limited	97.7%	177.0	41	170.5	38	6.5	58	20,065.7	7,802.9
Encana Oil & Gas Partnership	97.9%	173.2	42	0.3	97	172.9	11	4,204.6	8,301.0
Harvest Operations Corp.	99.5%	166.2	43	152.4	40	13.8	49	73,377.5	34,067.8
Transglobe Energy Corporation	97.8%	164.6	44	150.3	41	14.3	48	9,867.1	7,372.7
Advantage Oil & Gas Ltd.	63.3%	163.7	45	-	100	163.7	12	698.9	446.6
Petrofund Corp.	97.8%	160.2	46	23.2	77	137.0	15	6,734.5	7,135.0
Paramount Resources Ltd.	92.7%	159.0	47	159.0	39	-	73	2,918.0	2,177.7
Twin Butte Energy Ltd.	0.0%	143.4	48	143.4	42	-	73	140.5	143.4
Ramier Resources Ltd.	0.0%	142.7	49	142.7	43	-	73	3,437.9	142.7
Timberrock Energy Corp.	0.0%	132.5	50	131.4	44	1.1	68	471.3	132.5
Hornet Energy Ltd.	0.0%	129.6	51	129.6	45	-	73	976.3	129.6
Enterra Production Corp.	95.3%	128.5	52	128.5	46	-	73	1,252.3	2,708.4
Redcliffe Energy Ltd	61.5%	120.3	53	115.7	48	4.6	60	2,079.0	312.2
Provident Acquisitions L.P.	8.2%	119.6	54	119.6	47	-	73	1,222.1	130.3
Harvest Bel Inc.	99.3%	111.5	55	109.1	50	2.4	65	8,723.0	15,163.2
Drilcorp Energy Ltd.	0.0%	110.6	56	110.6	49	-	73	108.4	110.6
Mato Inc.	94.2%	102.3	57	102.3	51	-	73	809.3	1,764.9
Compton Petroleum Corporation	95.6%	101.9	58	101.9	52	-	73	4,758.4	2,293.5
Progress Energy Ltd.	98.4%	97.3	59	54.8	61	42.5	31	3,469.4	6,157.0
Seneca Energy Canada Inc.	61.9%	93.7	60	0.7	96	93.0	17	972.4	246.0
Primewest Gas Corp.	98.7%	93.0	61	73.7	57	19.3	42	9,482.6	6,971.0
Bountiful Resources Inc.	84.7%	92.7	62	92.7	54	-	73	1,350.9	605.4
Anadarko Canada Corporation	95.3%	89.2	63	89.2	55	-	73	341.3	1,916.1
Questerre Beaver River Inc.	0.0%	76.5	64	76.5	56	-	73	444.3	76.5
Sogar Resources Ltd.	97.9%	75.9	65	-	100	75.9	20	6,116.4	3,574.8
Alexander Oilfield Services Ltd.	53.5%	74.4	66	-	100	74.4	21	493.0	159.9
Provident Energy Ltd.	99.9%	73.4	67	73.4	58	-	73	9,878.8	60,647.8
South Ridge Management Ltd.	0.0%	73.4	67	73.4	58	-	73	467.5	73.4
Mystique Energy, Inc.	99.1%	73.0	68	50.9	63	22.1	39	7,950.8	8,365.3
Mo's Supervising & Consulting Ltd.	0.0%	72.6	69	-	100	72.6	23	256.0	72.6

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FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
RED DEER CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000 M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000 M^3$)
Rise Resources Corp.	66.5%	71.8	70	-	100	71.8	24	2,811.0	214.5
BP Canada Energy Company	100.0%	65.2	71	35.8	68	29.4	37	15,645.2	152,505.1
PMC (Nova Scotia) Company	0.0%	61.6	72	61.6	59	-	73	-	-
Baseline Oil & Gas Inc.	0.0%	58.6	73	-	100	58.6	27	355.8	58.6
Canalta Energy Corporation	0.0%	57.5	74	-	100	57.5	28	91.3	57.5
Samson Canada, Ltd.	99.4%	56.1	75	55.4	60	0.7	69	2,102.8	9,466.0
Talisman Energy Inc.	99.6%	54.6	76	36.5	67	18.1	44	19,014.5	14,827.1
Diamond Tree Resources Ltd.	99.7%	49.8	77	49.8	64	-	73	5,318.2	18,435.1
Hygait Resources Ltd.	0.0%	45.8	78	45.8	65	-	73	49.1	45.8
Ballater Resources Ltd.	90.6%	45.1	79	24.8	74	20.3	40	593.0	477.6
Anderson Energy Ltd.	96.6%	44.8	80	44.8	66	-	73	2,559.0	1,335.6
Brand S Resources Ltd.	0.0%	40.6	81	33.1	69	7.5	57	290.6	40.6
ARC Resources Ltd.	99.9%	34.3	82	-	100	34.3	33	61,083.6	62,000.3
Real Resources	99.8%	33.7	83	15.2	81	18.5	43	37,673.9	22,235.4
Sifton Energy Inc.	98.8%	33.6	84	31.2	70	2.4	65	4,149.1	2,836.4
Highpine Oil & Gas Limited	98.6%	33.5	85	2.5	92	31.0	35	4,027.5	2,382.2
Gold Ridge Investments Corporation	0.0%	31.5	86	-	100	31.5	34	158.1	31.5
Hunt Oil Company Of Canada, Inc.	97.5%	31.2	87	21.0	78	10.2	52	1,525.7	1,227.2
Saffron Energy Ltd.	90.4%	30.8	88	-	100	30.8	36	463.3	320.1
Rockyview Energy Partnership	98.6%	27.6	89	-	100	27.6	38	2,518.6	1,997.8
Cabrerra Resources Ltd.	0.0%	27.4	90	27.4	71	-	73	640.4	27.4
Trifecta Resources Corp.	97.6%	27.1	91	27.1	72	-	73	2,839.7	1,129.1
Orleans Oil & Gas Inc.	99.4%	25.8	92	25.8	73	-	73	4,524.2	4,329.2
Onyx Energy Inc.	5.4%	24.6	93	24.6	75	-	73	13.3	26.0
Thunder Energy Inc.	99.9%	23.5	94	23.5	76	-	73	140,065.6	29,962.9
Seneca Energy Canada Inc.	50.8%	20.3	95	20.3	79	-	73	189.4	41.3
Tri-Ment Corporation Ltd.	34.0%	17.5	96	-	100	17.5	45	-	26.5
ACC-CNR Resources Corporation	98.8%	15.5	97	15.5	80	-	73	156.4	1,302.7
Navigo Energy Inc.	99.4%	14.4	98	14.4	82	-	73	1,856.8	2,612.9
SunOcean Energy Ltd.	0.0%	13.2	99	13.2	83	-	73	74.4	13.2
Stockwork Properties Ltd.	67.3%	12.9	100	12.9	84	-	73	83.7	39.5
Orleans Energy Ltd.	99.8%	12.8	101	12.6	85	0.2	71	18,625.4	5,936.2
Kereco Energy Ltd.	99.8%	12.6	102	12.6	85	-	73	6,864.3	7,179.4
Annex Petroleum Inc.	99.2%	12.4	103	1.0	95	11.4	50	1,542.6	1,488.0
Blue Mountain Energy Ltd.	0.0%	12.0	104	12.0	86	-	73	104.4	12.0

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FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
RED DEER CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000\ M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000\ M^3$)	FLARE RANK	GAS VENTED ($1000\ M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000\ M^3$)
Freehold Resources Ltd.	80.8%	11.1	105	11.1	87	-	73	625.9	57.8
Joli Fou Petroleums Ltd	0.0%	10.8	106	10.8	88	-	73	138.0	10.8
Camino Industries Inc.	99.8%	10.4	107	-	100	10.4	51	2,784.3	5,908.4
Viking Holdings Inc.	99.9%	9.9	108	-	100	9.9	53	41,964.3	14,228.1
Coastal Resources Limited	80.3%	9.5	109	9.5	89	-	73	815.9	48.3
Silver Blaze Energy Ltd.	48.2%	8.5	110	-	100	8.5	55	598.8	16.4
Hard Rock Resources Ltd.	95.1%	7.6	111	-	100	7.6	56	792.6	155.2
Madison Energy Corp.	99.8%	7.5	112	-	100	7.5	57	2,548.3	3,525.7
Petrobank Energy And Resources Ltd.	99.0%	5.5	113	1.1	94	4.4	61	4,014.9	540.3
Enerplus Oil & Gas Ltd.	99.8%	4.5	114	4.5	90	-	73	1,628.1	2,203.4
Tasman Exploration Ltd.	99.3%	4.2	115	4.2	91	-	73	1,663.9	597.4
Macon Oil & Gas Corp.	99.2%	3.7	116	-	100	3.7	62	537.1	471.8
Shanpet Resources Ltd.	99.8%	3.0	117	-	100	3.0	63	94.3	1,416.9
Excite Energy Corp.	99.5%	2.4	118	-	100	2.4	65	185.8	496.3
Patmac Resources Ltd.	0.0%	2.4	118	-	100	2.4	65	614.3	2.4
Pearson Resources Ltd.	0.0%	2.4	118	-	100	2.4	65	397.1	2.4
Rock Energy Ltd.	99.9%	2.0	119	2.0	93	-	73	5,083.3	3,793.2
Murphy Oil Company Ltd.	100.0%	1.5	120	-	100	1.5	67	4,251.4	5,587.4
Prospex Resources Ltd.	100.0%	1.1	121	1.1	94	-	73	7,795.7	13,758.0
Maverick Oil & Gas Ltd.	0.0%	0.7	122	-	100	0.7	69	325.6	0.7
Milen's Oilfield Enterprises Ltd.	100.0%	0.3	123	-	100	0.3	70	222.4	646.2
Luke Energy Ltd.	100.0%	0.2	124	-	100	0.2	71	16,681.7	2,507.4
RSX Energy Inc.	0.0%	0.2	124	-	100	0.2	71	32.6	0.2
Terra Energy Corp.	99.7%	0.2	124	0.2	98	-	73	2,172.7	75.6
Artemis Exploration Inc.	0.0%	0.1	125	-	100	0.1	72	426.4	0.1
Regent Resources Ltd.	100.0%	0.1	125	0.1	99	-	73	594.3	963.4
403508 Alberta Ltd.	100.0%	-	126	-	100	-	73	527.8	17.6
981384 Alberta Ltd.	100.0%	-	126	-	100	-	73	70.9	193.3
Accrete Energy Inc.	100.0%	-	126	-	100	-	73	14,295.6	111,526.3
Adanac Oil & Gas Limited	100.0%	-	126	-	100	-	73	-	0.5
AltaGas Ltd.	100.0%	-	126	-	100	-	73	10.9	189.9
Antibe Resources Ltd.	100.0%	-	126	-	100	-	73	17.5	90.4
Arsenal Energy Inc.	100.0%	-	126	-	100	-	73	442.0	512.0
Baytex Energy Ltd.	100.0%	-	126	-	100	-	73	254.3	274.5
Blaze Energy Ltd.	100.0%	-	126	-	100	-	73	440.0	3,882.7

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions, and divestments.

FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
RED DEER CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000 M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000 M^3$)
Canadian Superior Energy Inc.	100.0%	-	126	-	100	-	73	2,453.0	6,428.2
Canyon Oil & Gas Corporation	100.0%	-	126	-	100	-	73	59.3	274.4
Clear Energy Inc.	100.0%	-	126	-	100	-	73	448.0	157.3
Cork Exploration Inc.	0.0%	-	126	-	100	-	73	66.1	-
Crew Energy Inc.	100.0%	-	126	-	100	-	73	51.5	178.1
Cyries Energy Inc.	100.0%	-	126	-	100	-	73	162.4	19.8
Daylight Energy Ltd.	100.0%	-	126	-	100	-	73	46.9	51.2
Diaz Resources Ltd.	100.0%	-	126	-	100	-	73	3,117.4	6,616.6
Dual Exploration Inc.	100.0%	-	126	-	100	-	73	826.7	86.3
Echoex Ltd.	100.0%	-	126	-	100	-	73	282.5	350.6
Elkwater Resources Ltd.	100.0%	-	126	-	100	-	73	274.3	602.0
Enhance Energy Inc.	100.0%	-	126	-	100	-	73	90.6	92.1
Enterra Energy Corp.	100.0%	-	126	-	100	-	73	28,641.4	6,148.2
Ferrybank Resources Ltd.	100.0%	-	126	-	100	-	73	1,531.8	566.2
FET Resources Ltd.	100.0%	-	126	-	100	-	73	2,032.8	3,602.7
Flagstone Energy Inc.	0.0%	-	126	-	100	-	73	105.0	-
Highview Resources Ltd.	100.0%	-	126	-	100	-	73	272.7	113.1
Kinuso Mercantile Ltd.	0.0%	-	126	-	100	-	73	3.9	-
Milestone Exploration Inc	0.0%	-	126	-	100	-	73	2.8	-
Morpheus Energy Corporation	100.0%	-	126	-	100	-	73	1,840.3	5,729.9
Mosaic Energy Ltd.	100.0%	-	126	-	100	-	73	612.9	1,382.5
Open Range Energy Corp.	100.0%	-	126	-	100	-	73	313.8	103.3
Owl River Resources Ltd.	100.0%	-	126	-	100	-	73	782.8	1,199.1
Panwestern Energy Inc.	100.0%	-	126	-	100	-	73	451.2	231.0
Primrose Drilling Ventures Ltd.	100.0%	-	126	-	100	-	73	161.1	1,148.0
Rotex Energy Ltd.	100.0%	-	126	-	100	-	73	21.7	895.6
Rustler Petroleum Inc.	100.0%	-	126	-	100	-	73	977.5	30.9
Sebring Energy Inc.	100.0%	-	126	-	100	-	73	91.4	293.6
Sequoia Oil & Gas Ltd.	100.0%	-	126	-	100	-	73	305.4	408.2
SET Resources Inc.	100.0%	-	126	-	100	-	73	531.6	657.9
Shapco Resources Ltd.	100.0%	-	126	-	100	-	73	1,631.1	4,975.2
Tiverton Petroleums Ltd.	100.0%	-	126	-	100	-	73	92.3	126.9
TKE Energy Inc	100.0%	-	126	-	100	-	73	255.7	27.7
Trarion Resources Ltd.	100.0%	-	126	-	100	-	73	153.2	613.5
Trilight Energy Inc.	100.0%	-	126	-	100	-	73	18.7	247.9

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FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
RED DEER CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000 M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000 M^3$)
Vermilion Resources Ltd.	100.0%	-	126	-	100	-	73	4,051.3	3,031.5
Vero Resources Inc.	0.0%	-	126	-	100	-	73	98.5	-
Westdrum Energy Ltd.	100.0%	-	126	-	100	-	73	1,062.2	474.9
Zargon Oil & Gas Ltd.	100.0%	-	126	-	100	-	73	3,069.3	1,201.0
TOTALS FOR RED DEER	**98.8%**	**29,371.0**		**22,136.3**		**7,234.7**		**3,001,076.8**	**2,470,903.4**

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions, and divestments.

FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
ST. ALBERT CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
ConocoPhillips Canada Resources Corp.	89.2%	**9,828.1**	**1**	7,187.3	1	2,640.8	1	273,451.4	91,331.3
Penn West Petroleum Ltd.	93.3%	**7,576.9**	**2**	5,229.7	4	2,347.2	2	478,026.2	112,362.5
Blackrock Ventures Inc.	77.6%	**6,909.6**	**3**	6,337.2	2	572.4	6	685,661.9	30,834.8
Celtic Exploration Ltd.	82.1%	**5,670.7**	**4**	5,403.3	3	267.4	14	109,891.0	31,761.2
Husky Oil Operations Limited	73.5%	**5,151.0**	**5**	4,029.0	5	1,122.0	4	238,235.1	19,439.0
Harvest Operations Corp.	80.9%	**5,049.0**	**6**	3,677.7	6	1,371.3	3	270,332.8	26,485.9
Devon Canada	97.7%	**4,308.2**	**7**	3,669.8	7	638.4	5	746,963.0	189,161.1
Atlas Energy Ltd.	79.8%	**2,731.1**	**8**	2,731.1	8	-	73	51,734.0	13,495.3
Daylight Energy Ltd.	96.5%	**2,588.6**	**9**	2,560.5	9	28.1	39	106,474.0	73,341.3
Canadian Natural Resources Limited	97.4%	**2,178.8**	**10**	1,967.6	11	211.2	17	510,679.3	82,511.0
Newpact Energy Corp.	5.9%	**2,014.7**	**11**	1,990.7	10	24.0	41	3,113.4	2,141.8
Trilogy Energy Ltd.	97.1%	**1,836.5**	**12**	1,836.5	12	-	73	110,377.1	64,299.1
Canadian Forest Oil Ltd.	26.8%	**1,752.7**	**13**	1,617.9	13	134.8	20	43,934.9	2,392.8
Vero Energy Inc.	29.8%	**1,558.7**	**14**	1,558.7	14	-	73	3,055.5	2,221.2
Baytex Energy Ltd.	53.5%	**1,499.1**	**15**	1,499.1	15	-	73	57,624.2	3,223.3
Apache Canada Ltd.	98.8%	**1,483.5**	**16**	928.4	21	555.1	7	554,049.7	127,504.5
Sequoia Oil & Gas Ltd.	67.9%	**1,410.6**	**17**	1,410.6	16	-	73	43,372.1	4,398.2
Shell Canada Energy	57.4%	**1,381.0**	**18**	1,381.0	17	-	73	69,238.9	3,238.8
Canetic Resources Inc.	99.4%	**1,353.3**	**19**	1,287.6	18	65.7	33	357,962.7	235,979.9
Arcan Resources Ltd.	31.8%	**1,165.6**	**20**	1,094.0	19	71.6	30	20,776.8	1,709.2
Fortune Energy Inc.	32.2%	**1,054.2**	**21**	953.0	20	101.2	27	40,799.5	1,555.9
Northrock Resources Ltd.	94.7%	**833.2**	**22**	698.6	24	134.6	21	13,532.8	15,778.3
ARC Resources Ltd.	96.7%	**811.1**	**23**	471.1	33	340.0	11	285,579.8	24,609.8
Vermilion Resources Ltd.	88.6%	**772.8**	**24**	487.7	31	285.1	12	113,797.7	6,794.8
Talisman Energy Inc.	95.4%	**739.5**	**25**	315.8	44	423.7	9	43,416.6	16,037.6
Pengrowth Corporation	99.8%	**734.6**	**26**	727.4	22	7.2	54	559,633.7	293,905.9
Platform Resources Inc.	42.2%	**726.5**	**27**	726.5	23	-	73	3,372.3	1,257.1
C1 Energy Ltd.	24.7%	**688.5**	**28**	486.6	32	201.9	18	14,672.2	914.8
Ravenwood Energy Corp.	0.0%	**682.7**	**29**	682.7	25	-	73	8,454.6	682.7
Enermark Inc.	99.2%	**659.4**	**30**	381.0	41	278.4	13	132,793.6	86,472.8
Signalta Resources Limited	12.0%	**656.2**	**31**	124.3	58	531.9	8	11,249.6	746.0
Thunder Energy Inc.	96.4%	**643.6**	**32**	226.2	51	417.4	10	58,079.0	17,663.9
Exxonmobil Canada Ltd. And Exxonmobil Resources Ltd.	98.7%	**626.7**	**33**	625.4	26	1.3	67	108,187.3	48,130.8
Exalta Energy Inc	98.2%	**603.7**	**34**	603.7	27	-	73	36,529.8	33,286.8
Petrofund Corp.	94.2%	**553.1**	**35**	494.4	30	58.7	35	60,407.2	9,499.9

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FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
ST. ALBERT CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Primewest Energy Inc.	98.1%	539.3	36	539.3	28	-	73	114,134.5	28,252.5
Sawtooth International Resources Inc.	39.8%	523.3	37	523.3	29	-	73	8,721.2	869.4
Caribou Resources Corp.	92.5%	495.9	38	419.7	35	76.2	29	29,805.6	6,622.1
FET Resources Ltd.	73.2%	473.4	39	361.7	42	111.7	25	32,438.2	1,763.7
Storm Exploration Inc.	0.0%	462.5	40	381.9	40	80.6	28	23,646.5	461.1
Response Energy Corporation	77.0%	454.4	41	454.4	34	-	73	11,778.1	1,979.1
Coastal Resources Limited	52.8%	408.8	42	408.5	36	0.3	71	19,127.7	866.0
Duvernay Oil Corp.	1.1%	406.1	43	406.1	37	-	73	14,641.3	410.7
Trafina Energy Ltd.	0.0%	402.3	44	402.3	38	-	73	1,807.8	402.3
Advantage Oil & Gas Ltd.	92.9%	397.4	45	396.8	39	0.6	70	46,692.7	5,580.2
Sutton Energy Ltd.	0.0%	355.1	46	355.1	43	-	73	2,052.6	355.1
Samson Canada, Ltd.	33.8%	328.0	47	116.3	62	211.7	16	1,557.6	495.7
Cyries Energy Inc.	91.7%	311.9	48	303.1	46	8.8	50	18,719.6	3,756.3
Paramount Energy Operating Corp.	88.5%	310.2	49	310.2	45	-	73	4,606.9	2,700.7
Milagro Energy Inc.	88.6%	302.1	50	302.1	47	-	73	4,177.2	2,644.2
Whitehall Energy Ltd.	0.0%	288.6	51	264.9	49	23.7	43	4,703.1	288.6
Petro-Reef Resources Ltd.	0.0%	274.9	52	274.9	48	-	73	1,257.4	274.9
Geocan Energy Inc.	3.4%	268.3	53	151.8	55	116.5	24	1,035.4	277.6
Tristar Oil & Gas Ltd.	92.7%	245.6	54	245.6	50	-	73	19,859.2	3,360.3
Kingsmere Exploration Ltd.	0.0%	244.5	55	-	128	244.5	15	7,664.4	244.5
Racing Resources Ltd.	37.0%	225.4	56	225.4	52	-	73	1,699.4	357.8
Advantage Oil & Gas Ltd.	98.2%	213.6	57	211.3	53	2.3	64	43,801.8	12,093.0
Anderson Energy Ltd.	85.0%	210.3	58	204.4	54	5.9	59	6,393.3	1,403.8
Assure Energy, Inc.	14.0%	187.4	59	54.3	83	133.1	22	862.5	217.8
Seneca Energy Canada Inc.	0.0%	164.8	60	-	128	164.8	19	2,830.7	164.8
Viking Holdings Inc.	98.7%	143.9	61	143.9	56	-	73	26,454.3	11,460.2
Grizzly Resources Ltd.	0.0%	142.6	62	142.6	57	-	73	245.6	142.6
Leddy Exploration Limited	94.8%	140.8	63	119.9	59	20.9	45	8,864.0	2,687.6
Royal Quest Resources Ltd.	46.0%	140.3	64	77.0	73	63.3	34	2,084.3	259.8
Provident Energy Ltd.	3.1%	138.7	65	67.4	78	71.3	31	1,100.7	143.2
Bonavista Petroleum Ltd.	99.2%	136.2	66	27.2	96	109.0	26	10,567.4	16,348.8
Dark Energy Ltd.	69.0%	131.7	67	-	128	131.7	23	6,271.2	424.9
Onefour Energy Ltd.	40.6%	130.7	68	106.9	63	23.8	42	9,949.6	220.2
Find Energy Ltd.	0.0%	119.2	69	119.2	60	-	73	1,883.9	119.2
Trafalgar Energy Ltd.	86.0%	116.6	70	116.6	61	-	73	1,662.6	831.4

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FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
ST. ALBERT CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED (1000 M^3)	GAS FLARED + VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD (1000 M^3)
Detector Exploration Ltd.	0.0%	99.4	71	99.4	64	-	73	1,722.7	99.4
Slate Energy Inc.	62.0%	95.5	72	95.5	65	-	73	655.9	251.5
Aztek Energy Ltd.	0.0%	93.1	73	93.1	66	-	73	1,049.6	93.1
Breaker Energy Ltd.	98.9%	90.2	74	90.1	67	0.1	72	2,160.9	8,186.3
Golden Eagle Energy Inc.	0.0%	89.5	75	89.5	68	-	73	247.9	89.5
International Sovereign Energy Corp.	14.8%	87.9	76	87.9	69	-	73	730.7	103.2
Ranger Canyon Energy Inc.	0.0%	87.0	77	87.0	70	-	73	341.8	87.0
Rustum Petroleums Limited	0.0%	80.1	78	80.1	71	-	73	3,447.2	80.1
Halvar Resources Ltd.	0.0%	77.4	79	77.4	72	-	73	598.9	77.4
Arsenal Energy Inc.	0.0%	75.9	80	26.8	97	49.1	37	8,767.8	75.9
Shiningbank Energy Ltd.	98.8%	74.5	81	74.5	74	-	73	11,422.3	6,151.3
Westbow Energy Inc.	48.0%	71.0	82	-	128	71.0	32	1,840.5	136.6
AltaGas Ltd.	86.8%	70.9	83	70.9	75	-	73	964.5	536.7
Rival Energy Ltd.	0.0%	69.3	84	69.3	76	-	73	1,186.9	69.3
Grand Petroleum Inc.	0.0%	68.0	85	68.0	77	-	73	202.5	68.0
Progress Energy Ltd.	99.7%	63.3	86	53.0	84	10.3	48	13,939.9	18,854.4
Alpetro Resources Ltd.	0.0%	62.8	87	62.8	79	-	73	322.7	62.8
Culane Energy Corp.	95.5%	62.6	88	62.6	80	-	73	12,175.5	1,386.3
Fox Creek Petroleum Corp.	90.7%	61.2	89	61.2	81	-	73	3,627.7	660.8
Auriga Energy Inc.	99.4%	56.8	90	21.6	99	35.2	38	20,556.6	9,530.1
Jaco Energy Limited	90.8%	56.7	91	56.7	82	-	73	4,086.2	617.0
Encana Oil & Gas Partnership	91.5%	55.8	92	-	128	55.8	36	660.5	653.3
Fairborne Energy Ltd.	0.0%	50.3	93	50.3	85	-	73	347.4	50.3
Bunker Energy Inc.	11.7%	46.0	94	18.6	103	27.4	40	422.1	52.1
Great Plains Exploration Inc.	86.1%	45.1	95	38.0	87	7.1	55	15,511.2	324.3
Greyhawke Resources Ltd.	49.9%	39.7	96	34.9	89	4.8	60	2,013.0	79.3
Valiant Energy Inc.	0.0%	39.1	97	39.1	86	-	73	760.1	39.1
Wilderness Energy Corp.	0.0%	37.1	98	37.1	88	-	73	1,092.8	37.1
Peregrine Energy Ltd.	13.1%	36.6	99	34.0	90	2.6	63	2,142.9	42.1
Petroglobe Inc.	0.0%	35.6	100	29.4	93	6.2	57	71.3	35.6
New North Resources Ltd.	0.0%	33.0	101	33.0	91	-	73	1,064.8	33.0
Primrose Drilling Ventures Ltd.	0.0%	31.0	102	31.0	92	-	73	388.8	31.0
Surat Energy Inc.	0.0%	31.0	102	31.0	92	-	73	1,387.5	31.0
Ramparts Energy Ltd.	97.8%	28.9	103	28.9	94	-	73	2,520.8	1,313.4
Mec Operating Company	99.9%	27.7	104	27.7	95	-	73	70,916.9	20,327.5

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FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
ST. ALBERT CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000 M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000 M^3$)
Sure Energy Inc.	0.0%	26.8	105	26.8	97	-	73	86.5	26.8
Imperial Oil Resources	100.0%	26.2	106	20.1	101	6.1	58	21,204.6	2,428,517.6
Galleon Energy Inc.	0.0%	25.6	107	16.7	106	8.9	49	3,855.3	25.6
Comstate Resources Ltd.	97.4%	23.4	108	-	128	23.4	44	2,100.6	908.0
Adamant Energy Inc.	98.3%	22.6	109	22.6	98	-	73	2,086.9	1,303.7
439 Acquisition Corp.	0.0%	21.3	110	21.3	100	-	73	328.5	21.3
Sphere Energy Corp.	0.0%	20.0	111	-	128	20.0	46	119.7	20.0
Predator Exploration Ltd.	99.2%	19.9	112	19.9	102	-	73	4,239.5	2,401.3
Indra Oil & Gas Ltd.	0.0%	18.4	113	18.4	104	-	73	1,112.9	18.4
Choice Resources Corp.	17.9%	17.0	114	15.0	109	2.0	66	19.0	20.7
Beaver Lake Resources Corporation	0.0%	16.8	115	16.8	105	-	73	561.7	16.8
Trend Resources Corporation	79.1%	16.7	116	15.9	108	0.8	69	173.1	80.0
Peerless Oil & Gas Inc.	0.0%	16.2	117	16.2	107	-	73	316.5	16.2
Yangarra Resources Corp.	16.8%	14.9	118	14.9	110	-	73	163.1	17.9
G2 Resources Inc.	0.0%	12.9	119	12.9	111	-	73	124.3	12.9
NAL Resources Limited	80.7%	12.7	120	-	128	12.7	47	770.7	65.8
Virtus Energy Ltd.	99.1%	12.2	121	12.2	112	-	73	20,164.2	1,319.6
Rockyview Energy Partnership	0.0%	10.0	122	10.0	113	-	73	16.8	10.0
403508 Alberta Ltd.	97.8%	9.0	123	9.0	114	-	73	264.6	406.1
Kinuso Mercantile Ltd.	52.7%	8.6	124	-	128	8.6	51	451.5	18.2
Ketch Resources Ltd.	99.9%	8.0	125	-	128	8.0	52	36,666.9	11,186.4
Rangex Resources Ltd.	87.3%	7.8	126	-	128	7.8	53	1,386.8	61.5
Keeper Resources Inc.	0.0%	7.5	127	7.5	115	-	73	25.2	7.5
Patterson Brothers Consulting Inc.	90.0%	7.2	128	0.2	126	7.0	56	551.7	71.9
Bredal Energy Corp.	98.2%	7.1	129	7.1	116	-	73	438.7	401.5
Capex Exploration Ltd.	0.0%	6.9	130	6.9	117	-	73	1,541.0	6.9
Ballater Resources Ltd.	77.8%	6.1	131	-	128	6.1	58	2,001.6	27.5
Triaxon Energy Inc.	99.0%	5.8	132	5.8	118	-	73	610.8	565.0
Richann Contract Operators Ltd.	0.0%	3.9	133	-	128	3.9	61	513.2	3.9
Twin Butte Energy Ltd.	0.0%	3.5	134	3.5	119	-	73	336.5	3.5
Kootenay Energy Inc.	0.0%	3.2	135	3.2	120	-	73	176.0	3.2
Eastnell Resources Ltd.	0.0%	2.7	136	-	128	2.7	62	122.1	2.7
Barnwell of Canada, Limited	96.7%	2.4	137	2.4	121	-	73	6,836.9	72.9
Titan Exploration Ltd.	71.4%	2.4	137	2.4	121	-	73	216.8	8.4
DGS Oil & Gas Co. Inc.	77.0%	2.3	138	2.3	122	-	73	148.1	10.0

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FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
ST. ALBERT CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000 M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000 M^3$)
Sebring Energy Inc.	93.3%	2.1	139	-	128	2.1	65	927.7	31.2
Hillsdale Drilling Ltd.	0.0%	2.0	140	-	128	2.0	66	221.8	2.0
Shell Canada Limited	0.0%	2.0	140	-	128	2.0	66	215.4	2.0
Cannon Oil & Gas Ltd.	0.0%	1.7	141	1.7	123	-	73	1,019.0	1.7
Lario Oil & Gas Company	99.8%	1.7	141	1.7	123	-	73	5,784.6	722.7
Highview Resources Ltd.	0.0%	1.4	142	1.1	124	0.3	71	286.6	1.4
Alka Resources Ltd.	89.3%	1.2	143	-	128	1.2	68	154.2	11.2
Artemis Exploration Inc.	33.3%	0.6	144	0.5	125	0.1	72	1,255.2	0.9
Canadian Jorex Limited	99.8%	0.2	145	0.2	126	-	73	589.0	88.3
Avenir Operating Corp.	99.9%	0.1	146	-	128	0.1	72	539.0	142.5
Burlington Resources Canada Ltd.	100.0%	0.1	146	0.1	127	-	73	17,154.5	14,424.8
Outrider Energy Ltd.	0.0%	0.1	146	0.1	127	-	73	376.2	0.1
912522 Alberta Ltd.	100.0%	-	147	-	128	-	73	265.4	312.9
Bear Ridge Resources Ltd.	100.0%	-	147	-	128	-	73	6,034.8	504.5
Bison Resources Ltd.	100.0%	-	147	-	128	-	73	22.0	23.7
Blue Mountain Energy Ltd.	100.0%	-	147	-	128	-	73	494.4	323.3
Blue Parrot Energy Inc.	100.0%	-	147	-	128	-	73	3,527.1	2,943.4
Bounty Developments Ltd.	100.0%	-	147	-	128	-	73	331.5	6.0
CNPC International (Canada) Ltd.	100.0%	-	147	-	128	-	73	2,938.8	1,577.8
Diamond Tree Resources Ltd.	100.0%	-	147	-	128	-	73	236.8	61.5
Direct Energy Marketing Limited	100.0%	-	147	-	128	-	73	21,304.9	4,814.2
Dolomite Energy Inc.	100.0%	-	147	-	128	-	73	694.0	0.3
Drilcorp Energy Ltd.	100.0%	-	147	-	128	-	73	199.3	2.7
Mistahiya Resources Ltd.	100.0%	-	147	-	128	-	73	2,174.3	87.3
Morena Resources Inc.	100.0%	-	147	-	128	-	73	18.0	290.5
Murphy Oil Company Ltd.	100.0%	-	147	-	128	-	73	289,602.0	609.0
Navigo Energy Inc.	100.0%	-	147	-	128	-	73	804.7	1,563.8
Newalta Corporation	100.0%	-	147	-	128	-	73	251.4	17.9
Onyx Oil & Gas Ltd.	0.0%	-	147	-	128	-	73	0.1	-
Paramount Resources Ltd.	0.0%	-	147	-	128	-	73	52.5	-
Petal Resources Ltd.	100.0%	-	147	-	128	-	73	321.2	38.9
Pilot Energy Ltd.	100.0%	-	147	-	128	-	73	87.5	172.5
Regco Petroleums Ltd.	100.0%	-	147	-	128	-	73	4,350.4	429.4
Rife Resources Ltd.	100.0%	-	147	-	128	-	73	51.3	9.4
Seneca Energy Canada Inc.	100.0%	-	147	-	128	-	73	3,740.9	471.3

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FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
ST. ALBERT CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000 M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000 M^3$)
SET Resources Inc.	100.0%	-	147	-	128	-	73	232.2	473.2
Signet Energy Inc.	0.0%	-	147	-	128	-	73	1.0	-
Terra Energy Corp.	0.0%	-	147	-	128	-	73	100.6	-
Vero Resources Inc.	100.0%	-	147	-	128	-	73	460.4	135.0
Vision 2000 Exploration Ltd.	100.0%	-	147	-	128	-	73	95.4	246.1
Westhill Resources Limited	100.0%	-	147	-	128	-	73	1,578.4	4,309.8
Wrangler West Energy Corp.	100.0%	-	147	-	128	-	73	13,375.9	7,098.9
TOTALS FOR ST. ALBERT	**97.9%**	**90,639.5**		**75,812.0**		**14,827.5**		**7,399,509.5**	**4,343,527.0**

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FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
WAINWRIGHT CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000\ M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000\ M^3$)	FLARE RANK	GAS VENTED ($1000\ M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000\ M^3$)
Husky Oil Operations Limited	68.8%	**24,406.1**	**1**	2,594.1	8	21,812.0	1	1,151,420.4	78,303.5
Talisman Energy Inc.	58.2%	**17,307.9**	**2**	11,128.3	1	6,179.6	4	729,689.2	41,402.7
Devon Canada	71.9%	**10,764.4**	**3**	-	80	10,764.4	2	377,981.2	38,358.7
Harvest Operations Corp.	84.0%	**9,704.8**	**4**	5,784.2	2	3,920.6	7	827,737.3	60,542.1
Canadian Natural Resources Limited	63.1%	**9,240.6**	**5**	216.3	31	9,024.3	3	363,298.9	25,053.5
Bonavista Petroleum Ltd.	64.3%	**6,792.9**	**6**	1,170.2	14	5,622.7	5	125,390.1	19,025.2
Penn West Petroleum Ltd.	63.4%	**6,286.8**	**7**	5,444.1	3	842.7	13	248,236.3	17,164.8
Apache Canada Ltd.	77.7%	**5,809.9**	**8**	2,484.2	9	3,325.7	8	109,282.7	26,012.6
Nexen Inc.	61.2%	**5,571.5**	**9**	-	80	5,571.5	6	50,762.7	14,374.5
Enterra Energy Corp.	51.3%	**5,420.9**	**10**	5,154.2	4	266.7	22	118,405.0	11,121.3
Nuvista Energy Ltd.	36.4%	**5,364.2**	**11**	4,851.0	5	513.2	17	149,868.0	8,428.5
Crescent Point Resources Ltd.	30.9%	**4,465.2**	**12**	4,418.3	6	46.9	34	81,098.7	6,458.7
Zapata Energy Corporation	66.4%	**4,057.7**	**13**	4,054.3	7	3.4	53	66,176.6	12,073.8
Enermark Inc.	82.6%	**2,933.3**	**14**	2,352.9	10	580.4	16	263,893.8	16,845.0
Daylight Energy Ltd.	53.7%	**2,818.2**	**15**	40.4	45	2,777.8	9	129,929.8	6,081.9
Culane Energy Corp.	45.9%	**2,120.3**	**16**	-	80	2,120.3	10	45,877.1	3,917.8
Pengrowth Corporation	94.7%	**2,099.6**	**17**	1,191.1	13	908.5	12	100,434.4	39,523.7
Encana Oil & Gas Partnership	89.0%	**1,915.1**	**18**	1,897.5	11	17.6	43	372,230.1	17,333.5
EOG Resources Canada Inc.	49.6%	**1,756.5**	**19**	1,741.7	12	14.8	47	6,405.4	3,488.2
Provident Energy Ltd.	74.1%	**1,644.8**	**20**	489.0	23	1,155.8	11	115,323.9	6,338.7
Breaker Energy Ltd.	62.2%	**1,489.7**	**21**	999.4	16	490.3	19	11,306.4	3,944.3
Viking Holdings Inc.	93.6%	**1,372.0**	**22**	754.4	21	617.6	14	118,466.6	21,400.0
Grand Petroleum Inc.	73.4%	**1,127.2**	**23**	1,127.2	15	-	67	53,785.6	4,233.3
Canetic Resources Inc.	91.2%	**1,076.9**	**24**	800.1	19	276.8	21	145,372.3	12,257.2
Mission Oil & Gas Inc.	0.0%	**951.9**	**25**	930.5	17	21.4	41	17,242.8	951.9
Find Energy Ltd.	0.0%	**850.7**	**26**	804.7	18	46.0	36	9,584.6	805.6
Rival Energy Ltd.	77.5%	**763.2**	**27**	763.2	20	-	67	28,053.4	3,387.5
Rife Resources Ltd.	75.0%	**760.8**	**28**	176.9	34	583.9	15	175,437.2	3,049.0
Rock Energy Ltd.	28.1%	**531.7**	**29**	25.4	51	506.3	18	34,233.4	740.0
Real Resources	94.6%	**518.6**	**30**	432.8	24	85.8	29	51,122.5	9,547.5
Delphi Energy Corp.	75.7%	**506.7**	**31**	503.8	22	2.9	54	22,657.2	2,085.2
Athlone Energy Ltd.	0.0%	**466.7**	**32**	-	80	466.7	20	11,108.3	466.7
Petrofund Corp.	74.7%	**326.9**	**33**	310.7	26	16.2	46	11,281.4	1,291.3
Dominion Exploration Canada Ltd.	96.4%	**323.9**	**34**	323.7	25	0.2	65	24,219.8	8,987.7
Signalta Resources Limited	91.0%	**319.2**	**35**	263.5	27	55.7	32	53,223.7	3,557.1

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FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
WAINWRIGHT CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000 M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000 M^3$)
Clear Energy Inc.	0.0%	**257.8**	**36**	257.3	28	0.5	62	2,586.6	257.9
Canadian Forest Oil Ltd.	99.2%	**253.0**	**37**	231.0	30	22.0	40	74,431.9	31,496.9
101016077 Saskatchewan Ltd.	0.0%	**250.8**	**38**	-	80	250.8	23	2,008.2	250.8
Galleon Energy Inc.	0.1%	**235.4**	**39**	14.9	60	220.5	24	2,192.4	235.7
Atlas Energy Ltd.	91.3%	**235.3**	**40**	235.3	29	-	67	12,979.0	2,696.6
Choice Resources Corp.	94.6%	**233.3**	**41**	215.3	32	18.0	42	1,867.8	4,357.4
Iteration Energy Ltd.	0.0%	**199.3**	**42**	-	80	199.3	25	2,714.4	199.3
Petrobank Energy And Resources Ltd.	97.4%	**180.8**	**43**	180.8	33	-	67	5,124.2	6,949.1
E4 Energy Inc.	0.0%	**166.0**	**44**	166.0	35	-	67	4,982.7	166.0
Advantage Oil & Gas Ltd.	2.5%	**162.8**	**45**	162.0	36	0.8	60	242.4	167.0
Baytex Energy Ltd.	17.2%	**154.4**	**46**	-	80	154.4	26	727.9	186.5
Gentry Resources Ltd.	0.0%	**144.3**	**47**	144.3	37	-	67	500.7	144.3
International Sovereign Energy Corp.	26.8%	**134.5**	**48**	1.1	77	133.4	27	5,249.2	183.7
Geocan Energy Inc.	0.0%	**127.7**	**49**	-	80	127.7	28	12,713.9	127.7
Assure Energy, Inc.	92.8%	**104.4**	**50**	87.2	41	17.2	44	23,060.8	1,445.5
1107567 Alberta Ltd.	0.0%	**100.8**	**51**	100.8	38	-	67	1,576.9	100.8
High Plains Energy Inc.	96.8%	**96.1**	**52**	49.8	44	46.3	35	7,581.6	3,023.2
Sequoia Oil & Gas Ltd.	96.8%	**88.4**	**53**	88.4	39	-	67	6,461.5	2,804.5
Avenir Operating Corp.	0.0%	**88.1**	**54**	87.9	40	0.2	65	2,033.9	88.1
Great Plains Exploration Inc.	23.3%	**78.5**	**55**	-	80	78.5	30	1,802.0	102.4
King Energy Inc.	95.8%	**77.5**	**56**	7.9	65	69.6	31	13,916.8	1,832.1
SET Resources Inc.	3.9%	**72.4**	**57**	72.2	42	0.2	65	904.8	75.3
Costa Energy Inc.	0.0%	**62.6**	**58**	62.6	43	-	67	955.8	62.6
Emm Energy Inc.	0.0%	**54.2**	**59**	-	80	54.2	33	5,129.2	54.2
Seneca Energy Canada Inc.	0.3%	**35.3**	**60**	35.3	46	-	67	4,957.5	35.4
Creo Energy Ltd.	0.0%	**34.6**	**61**	34.6	47	-	67	620.9	34.6
Barcomp Petroleum Ltd.	0.0%	**32.8**	**62**	-	80	32.8	37	8,936.0	32.8
New Century Petroleum Corporation	74.6%	**31.8**	**63**	30.0	50	1.8	57	8,426.4	125.3
Aztek Energy Ltd.	77.5%	**31.5**	**64**	31.5	48	-	67	204.0	139.9
Blackrock Ventures Inc.	6.4%	**30.5**	**65**	30.5	49	-	67	1,098.0	32.6
Devexco Resources Ltd.	0.0%	**27.2**	**66**	1.0	78	26.2	38	920.6	27.2
Dagur Resources Inc.	0.0%	**25.9**	**67**	-	80	25.9	39	5,199.8	25.9
Warburg Resources Inc.	0.0%	**24.6**	**68**	24.6	52	-	67	82.1	24.6
Burlington Resources Canada Ltd.	99.7%	**20.6**	**69**	20.6	53	-	67	49,112.7	7,683.3
Artemis Exploration Inc.	34.9%	**20.5**	**70**	19.7	54	0.8	60	2,624.6	31.5

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FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
WAINWRIGHT CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000 M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000 M^3$)
Teague Exploration Inc.	69.2%	19.0	71	15.1	59	3.9	51	4,050.2	61.7
Anderson Energy Ltd.	97.2%	18.5	72	18.1	55	0.4	63	9,222.7	660.6
Pavilion Energy Corp.	14.4%	17.8	73	17.2	57	0.6	61	442.5	20.8
Endev Energy Inc.	0.0%	17.3	74	17.3	56	-	67	284.7	17.3
Taku Gas Limited	93.6%	16.9	75	-	80	16.9	45	9,319.8	262.2
Northrock Resources Ltd.	97.8%	15.7	76	1.8	74	13.9	48	9,809.6	706.5
Magnus One Energy Corp.	67.2%	15.2	77	15.2	58	-	67	77.4	46.4
Pilot Energy Ltd.	86.7%	13.9	78	11.7	61	2.2	56	12,430.8	104.4
Provident Acquisitions Inc.	98.8%	13.3	79	3.4	73	9.9	50	7,691.5	1,101.3
Spry Energy Ltd.	0.0%	11.5	80	11.5	62	-	67	7,097.7	11.5
Arsenal Energy Inc.	99.3%	10.0	81	-	80	10.0	49	19,402.9	1,432.6
Drilcorp Energy Ltd.	98.7%	9.9	82	9.9	63	-	67	1,591.4	768.7
Peregrine Energy Ltd.	87.3%	8.6	83	8.6	64	-	67	1,222.9	67.9
Result Energy Inc.	0.0%	8.4	84	7.6	67	0.8	60	521.1	8.4
591536 Alberta Inc	0.0%	7.7	85	7.7	66	-	67	15.1	7.7
Vanquish Oil & Gas Corporation	95.9%	5.7	86	5.7	68	-	67	1,819.1	139.7
NAL Resources Limited	99.5%	5.2	87	1.6	75	3.6	52	603.3	1,079.1
Sahara Energy Ltd.	35.7%	4.5	88	4.5	69	-	67	1,004.3	7.0
T & E Oils Ltd.	70.1%	4.0	89	4.0	70	-	67	997.7	13.4
Royal Quest Resources Ltd.	0.0%	3.7	90	3.7	71	-	67	590.8	3.7
Jaco Energy Limited	89.2%	3.5	91	3.5	72	-	67	969.2	32.4
Advantage Oil & Gas Ltd.	84.1%	3.4	92	-	80	3.4	53	366.2	21.4
Kobi Resources Ltd.	99.9%	3.1	93	1.3	76	1.8	57	3,745.7	2,733.4
Conocophillips Canada Energy Partnership	88.3%	2.5	94	-	80	2.5	55	64.4	21.4
Costa Resources Ltd.	0.0%	1.8	95	1.8	74	-	67	110.7	1.8
Eiger Energy Ltd.	0.0%	1.4	96	-	80	1.4	58	250.0	1.4
K-Town Holdings Ltd.	0.0%	1.2	97	1.0	78	0.2	65	151.2	1.2
Apex Energy (Canada) Inc.	99.2%	1.1	98	1.1	77	-	67	867.3	140.5
Auriga Energy Inc.	44.4%	1.0	99	1.0	78	-	67	381.3	1.8
Grand Rapids Petroleum Ltd.	0.0%	0.9	100	-	80	0.9	59	810.2	0.9
Westerra 2000 Inc.	27.3%	0.8	101	-	80	0.8	60	420.3	1.1
First West Petroleum Inc.	0.0%	0.5	102	0.5	79	-	67	12.2	0.5
Regal Energy Ltd.	0.0%	0.4	103	-	80	0.4	63	193.9	0.4
Seffian Petroleums Ltd.	0.0%	0.4	103	-	80	0.4	63	120.8	0.4
Breton Energy Inc.	0.0%	0.3	104	-	80	0.3	64	74.2	0.3

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FIELD CENTRE RANKING OF OPERATORS - 2006 FLARED + VENTED VOLUME [1]
WAINWRIGHT CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE: April 27, 2007

COMPANY	GAS CONS	GAS FLARED + VENTED ($1000\ M^3$)	GAS FLARED + VENTED RANK	GAS FLARED ($1000\ M^3$)	FLARE RANK	GAS VENTED ($1000\ M^3$)	VENT RANK	OIL PROD (M^3)	SOL'N GAS PROD ($1000\ M^3$)
Omers Energy Inc.	100.0%	0.3	104	-	80	0.3	64	173.7	860.6
Oasis Petroleum Ltd.	0.0%	0.2	105	-	80	0.2	65	209.6	0.2
Damascus Energy Inc.	0.0%	0.1	106	-	80	0.1	66	95.9	0.1
Black Bore Resources Ltd.	0.0%	-	107	-	80	-	67	26.2	-
Columbus Exploration Ltd.	100.0%	-	107	-	80	-	67	231.3	2.2
Fox Creek Petroleum Corp.	100.0%	-	107	-	80	-	67	1,414.3	275.1
Halvar Resources Ltd.	100.0%	-	107	-	80	-	67	9,376.3	131.8
Huron Energy Corporation	100.0%	-	107	-	80	-	67	1,518.9	197.5
Lockwood Resources Ltd.	100.0%	-	107	-	80	-	67	-	1,052.1
Nevarro Energy Ltd.	0.0%	-	107	-	80	-	67	19.6	-
Northern Utilities (sask.) Ltd.	100.0%	-	107	-	80	-	67	272.8	0.3
Pennine Petroleum Corporation	100.0%	-	107	-	80	-	67	773.2	1.0
Real Resources Inc.	100.0%	-	107	-	80	-	67	289.3	162.7
Strike Petroleum Ltd.	100.0%	-	107	-	80	-	67	4.6	1.4
Tiverton Petroleums Ltd.	100.0%	-	107	-	80	-	67	1,256.9	724.8
Twin Butte Energy Ltd.	100.0%	-	107	-	80	-	67	1,988.2	931.7
Unicorn Agri-Oil Ltd.	100.0%	-	107	-	80	-	67	437.4	13.7
Vertex Oil & Gas Ltd.	100.0%	-	107	-	80	-	67	540.4	24.0
Zargon Oil & Gas Ltd.	100.0%	-	107	-	80	-	67	4,744.5	347.7
TOTALS FOR WAINWRIGHT	**76.0%**	**145,990.2**		**65,795.5**		**80,194.7**	**67**	**6,594,570.2**	**607,960.4**

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions, and divestments.

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The following pages are corrections for EUB ST60B-2007:Upstream Petroleum Industry Flaring and Venting Report, 2006

Sorry for any inconvenience.
Janet Grein
Printing Department

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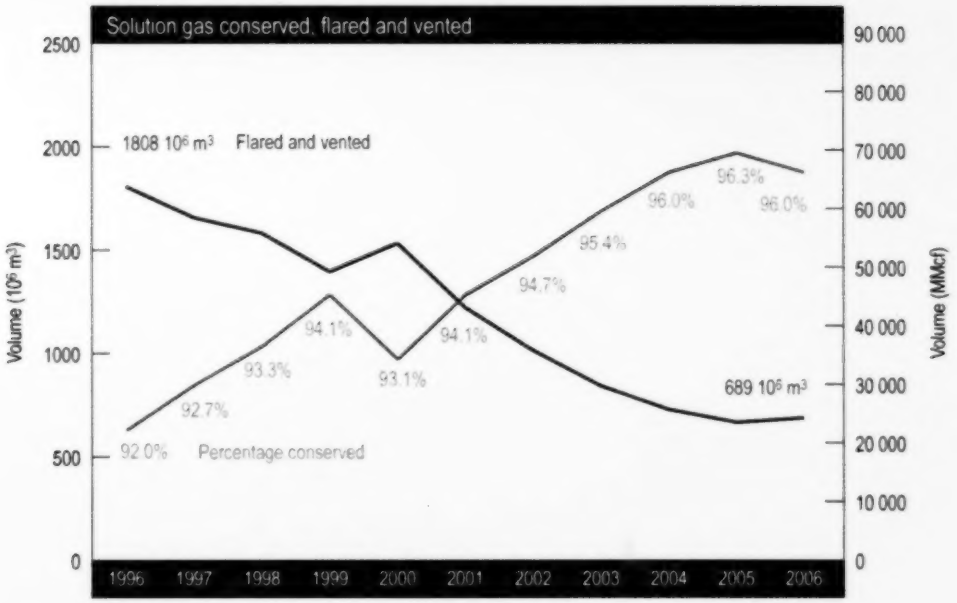
Executive Summary

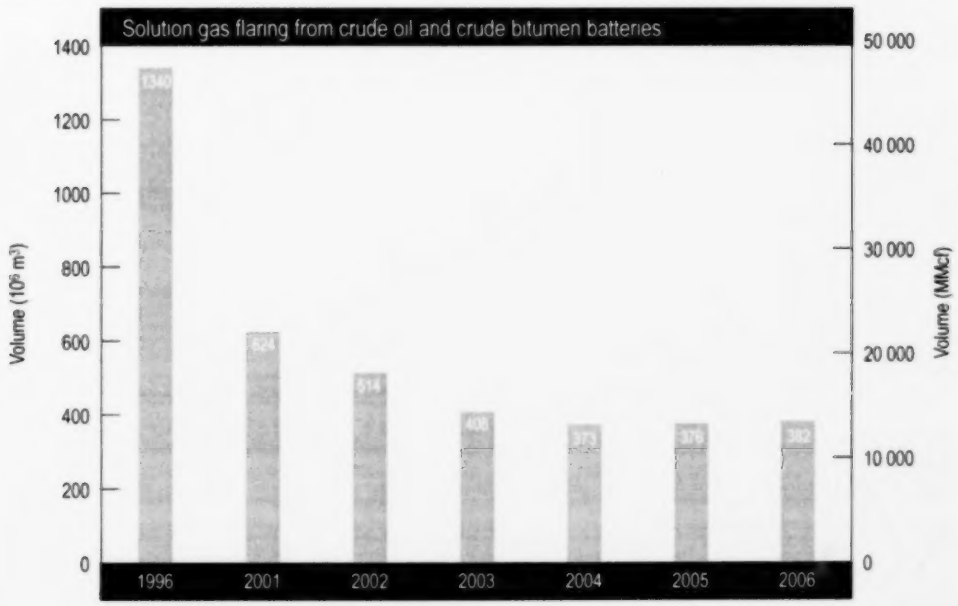
Solution Gas Conservation

Solution gas conservation for 2006 was 96.0 per cent.



Solution Gas Flaring

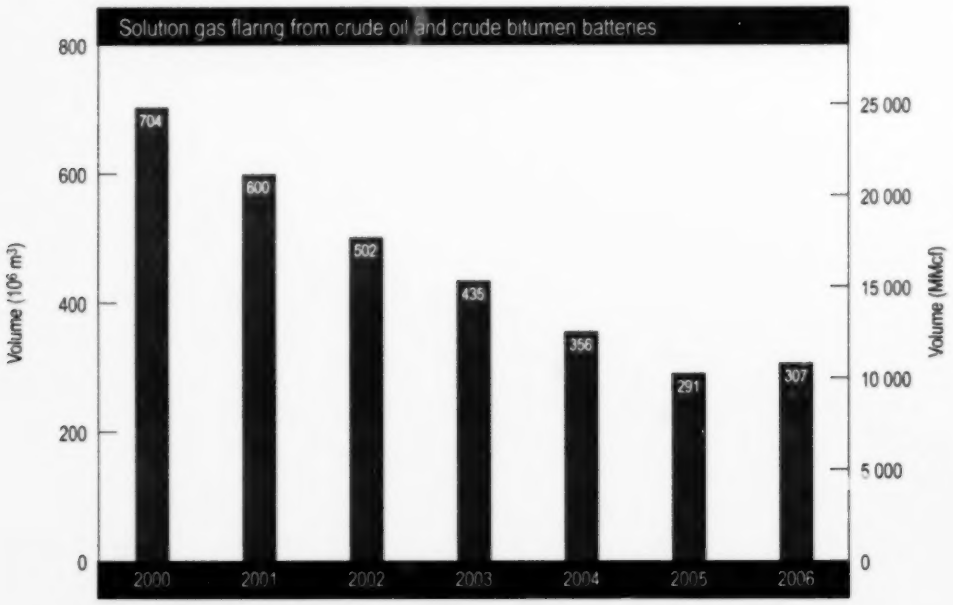
Solution gas flaring for 2006 was 71.5 per cent less than the 1996 flaring baseline.



The increase in solution gas flaring (1.6 per cent) can be wholly attributed to crude bitumen operations. The increase can be connected to the fact that more bitumen batteries are now able to produce enough gas to maintain a continuous flare, rather than venting, in cases where it has proven to be uneconomic to conserve the gas.

Solution Gas Venting

Solution gas venting for 2006 was 56.4 per cent less than the 2000 venting baseline.



In *ST 2004-60B: Upstream Petroleum Industry Flaring and Venting Report, 2003,* the Alberta Energy and Utilities Board (EUB) made commitments to identify and implement a number of conservation measures aimed at reducing the volumes of solution gas vented from crude bitumen operations. As a result of the EUB implementing the measures and industry awareness of them, venting from crude bitumen batteries has seen a net decrease of 29.4 per cent since 2003. However, in 2006 there was a 13.6 per cent increase in venting from crude bitumen batteries to 201 million cubic metres (10^6 m^3) (7134 million cubic feet [MMcf]) from 177 10^6 m^3 (6282 MMcf) in 2005. This increase can be connected to increased crude bitumen production in 2006 over 2005. In 2006, crude bitumen production increased by 3.13 per cent to 29.7 10^6 m^3 from 26.6 10^6 m^3 in 2005.

Discussion

As in past reports, the primary focus of this report is to address solution gas flaring and venting. It also deals with flaring and venting of gas from all other upstream sources, including gas plants and gas batteries, gas gathering systems, pipelines, and well testing. Although the volumes of gas flared and vented at these individual sources are generally much smaller than at oil production sources, the EUB continues to push for continued reductions in flared and vented gas from all upstream petroleum industry sources.

Since 1996, significant progress has been made in reducing solution gas flaring in Alberta, even though there was an increase in 2006. In addition, solution gas venting has

seen a 56.4 per cent reduction since 2000, although 2006 saw an increase of 5.5 per cent over 2005. The EUB finds these increases in solution gas venting of great concern and will continue to work with all stakeholders to identify additional venting reduction strategies and opportunities and implement measures designed to achieve further reductions. Arguably, the biggest change to the latest edition of EUB *Directive 060: Upstream Petroleum Industry Flaring, Incineration, and Venting*, which came into effect on January 31, 2007, is the tightened regulations around solution gas flaring and venting. The positive results of reduced flaring and venting from these more comprehensive regulations should be evident in future *ST60B* reports.

For information on flaring and venting requirements, see *Directive 060*. If you have questions regarding flaring, venting, or this report, contact the EUB Operations Group at (403) 297-6179.

1 Introduction

The reduction of routine flaring and venting of solution gas has been a priority for the Alberta Energy and Utilities Board (EUB) since 1938. At that time, the Turner Valley Gas Conservation Board was formed to address problems with reservoir management, including the wasteful flaring of solution gas in southern Alberta.

Conservation of Alberta's energy resources, public safety, and the dissemination of information are core EUB functions. The EUB's activities and partnership work related to routine flaring and venting reduction address conservation and public safety. With this report, the EUB fulfills its information mandate regarding flaring and venting. It is part of a commitment made in EUB *Directive 060: Upstream Petroleum Industry Flaring, Incineration, and Venting* (Section 11) to make flaring and venting data more accessible.

The EUB, as a member of the consensus-based multistakeholder Flaring and Venting Project Team (www.casahome.org/?page_id=110.htm) of the Clean Air Strategic Alliance (CASA), participates in the development of recommendations encompassing an overall flaring and venting management framework for the Province of Alberta. The recommendations include the determination of flaring and venting baselines, flaring reduction targets, and operational requirements for the upstream oil and gas industry. The EUB subsequently adopted the recommendations put forward by CASA and incorporated them into the 1999 version of EUB *Guide 60: Upstream Petroleum Industry Flaring Guide* (subsequently known as *Directive 060*). Since then, enhanced regulation and enforcement, along with industry cooperation, have resulted in significant reductions in the volume of solution gas flared and vented.

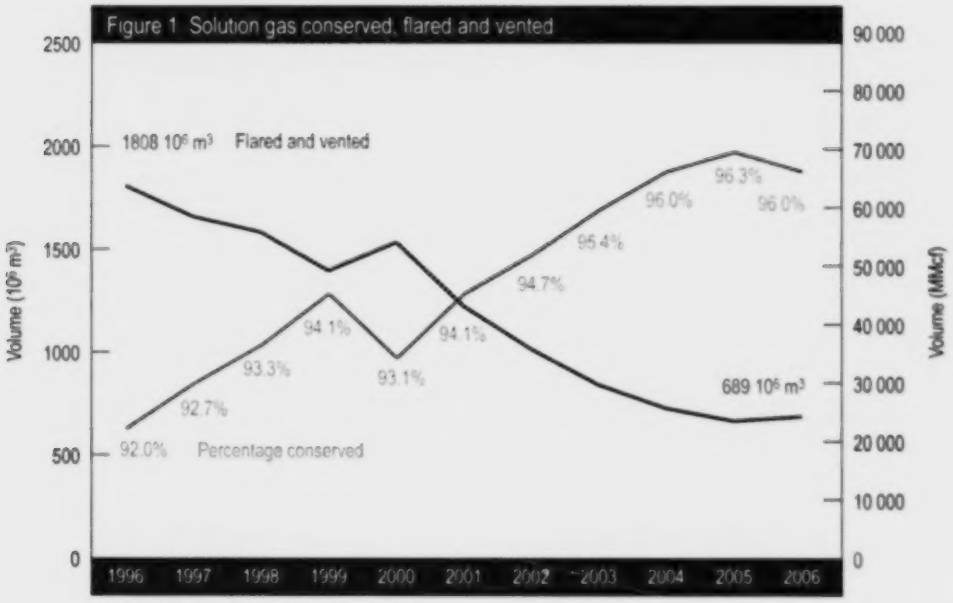
In January 2007 a wholly revised *Directive 060: Upstream Petroleum Industry Flaring, Incineration, and Venting* was released. Again, this was a multiyear collaborative effort that incorporated the recommendations of four CASA Flaring and Venting Project Team reports. The new *Directive 060* is the clearest and most comprehensive set of upstream flaring and venting regulations released in Alberta (and Canada) to date. Even with the overall success experienced in Alberta, further reductions are still being aggressively pursued through regulatory enhancements, industry compliance and cooperation, and the collaborative nature of CASA (www.casahome.org).

Alberta's success in reducing flaring and venting has been acknowledged internationally. In 2002, the World Bank invited Alberta to participate in a Global Gas Flaring Reduction Initiative. The success of the Alberta flare reduction efforts and the constructive CASA approach were attractive to the World Bank global efforts. The World Bank, drawing on its learnings from the EUB and other international jurisdictions, developed and published its voluntary standard for global gas flaring reduction. The voluntary standard sets out a framework on how to achieve reductions in flaring and venting associated with crude oil production on a worldwide basis. In 2004, the EUB formally endorsed the Global Gas Flaring Reduction Standard. In addition, the EUB continues to provide technical assistance in developing global standards and in developing regulatory capacity in member countries.

Additional information regarding the World Bank's Global Gas Flaring Reduction Standard can be obtained through the World Bank Global Gas Flaring Reduction Partnership (see its Web site www.worldbank.org/ggfr.htm).

2 Solution Gas Conserved, Flared and Vented (1996-2006)

Industry achieved a 96.0 per cent solution gas conservation rate in 2006, compared to 96.3 per cent in 2005, a decrease of 0.3 per cent (see Figure 1).



The combined volume of flared and vented solution gas has increased to 689 million cubic metres (10^6 m^3) (24 455 million cubic feet [MMcf]) in 2006 from 667 10^6 m^3 (23 674 MMcf) in 2005.* This represents an increase of 21 10^6 m^3 (745 MMcf), or 3.3 per cent.

The level of gas conservation has risen continuously, with the exception of the 1999 and 2006 calendar years. Although Figure 1 indicates that there was about a 1 per cent decline in conservation between 1999 and 2000, the actual decline is not as great as 1 per cent and can be attributed as follows:

- 0.4 per cent due to new development,
- 0.2 per cent due to improved measurement and reporting of vented gas, resulting in an increase in reported vented volumes, and
- 0.4 per cent due to a correction in misreported volumes of solution gas produced.

The decline in conservation in 2006 of 0.3 per cent is entirely due to new development.

The data from all crude oil and crude bitumen batteries (including experimental batteries) were used in calculating the percentage of solution gas conserved. Gas conserved includes gas delivered to a pipeline for sale and that used as fuel for facilities and equipment, as well as for alternative uses, such as power generation.

* Actual values have been rounded to the nearest 10^6 m^3 and MMcf respectively. A factor of 35.494 was used to convert from 10^6 m^3 to MMcf.

3 Solution Gas Flaring and Venting Performance

The 2006 flared volumes were 71.5 per cent less than the 1996 flaring baseline, and the 2006 vented volumes were 56.4 per cent less than the 2000 venting baseline. Summaries of the targets and actual reductions for the past seven years for flaring and five years for venting are given in Tables 1 and 2.

Table 1. Solution gas flaring reduction (compared to 1996 baseline)

Year	Reduction (%)
1999	30
2000	38
2001	53
2002	62
2003	70
2004	72
2005	72
2006	71

Table 2. Solution gas venting reduction (compared to 2000 baseline)

Year	Reduction (%)
2001	15
2002	29
2003	38
2004	49
2005	59
2006	56

The years 1996 and 2000 were selected as the baseline years for solution gas flaring and venting respectively because these topics were addressed by the CASA Flaring and Venting Project Team with the latest data available at those times.

Crude bitumen batteries accounted for 34.8 per cent of the solution gas flared and vented in 2006, with 83.9 per cent of this volume being vented. The EUB will continue to work with all stakeholders to identify venting reduction strategies and opportunities and implement measures designed to achieve further reductions.

Discussion

Overall solution gas conservation has declined slightly, with conservation efficiencies at crude oil batteries stable at 97.2 per cent in 2006, the same as in 2005 and 2004. The EUB continues to acknowledge that solution gas conservation from crude oil batteries is significant, at 97.2 per cent. This is due to the fact that the majority of economically feasible solution gas flares and vents are being conserved. The EUB requires that industry will continue to conserve solution gas where it is economically feasible, and with the release of the latest edition of *Directive 060*, industry is now required to conserve solution gas even if it may be slightly uneconomic to do so. The new regulations state that if the cost of conserving the gas is greater than minus $50 000, (previously this figure was $0), the gas must be conserved. In effect, industry must now partially use the oil revenues of the project to help conserve the solution gas.

Venting from crude bitumen batteries increased to 201 10^6 m^3 (7134 MMcf) in 2006 from 177 10^6 m^3 (6282 MMcf) in 2005. This represents a increase of 24 10^6 m^3 (851 MMcf), or 13.6 per cent. Conservation at crude bitumen batteries decreased to 83.6 per cent in 2006, compared to 85.4 per cent in 2005.

The increased flared and vented volumes from crude bitumen operations can be explained in four ways:

1) The low price of gas in 2006 (almost half) in comparison to 2005: Economic evaluations for solution gas conservation are based on the price of the gas being conserved. If the price of that gas is low, a project that may have been economically viable to conserve in 2005 may not have been so in 2006.

2) The overall increase in volume of crude bitumen operations: In 2006, there was an increase of 299 crude bitumen batteries reporting production over 2005. This is an increase of 28.5 per cent.

3) The increased cost of services: Economic evaluations for gas conservation are based on the cost of gas and the initial capital investment of conservation facilities. The cost of services to construct those facilities has increased substantially over 2005.

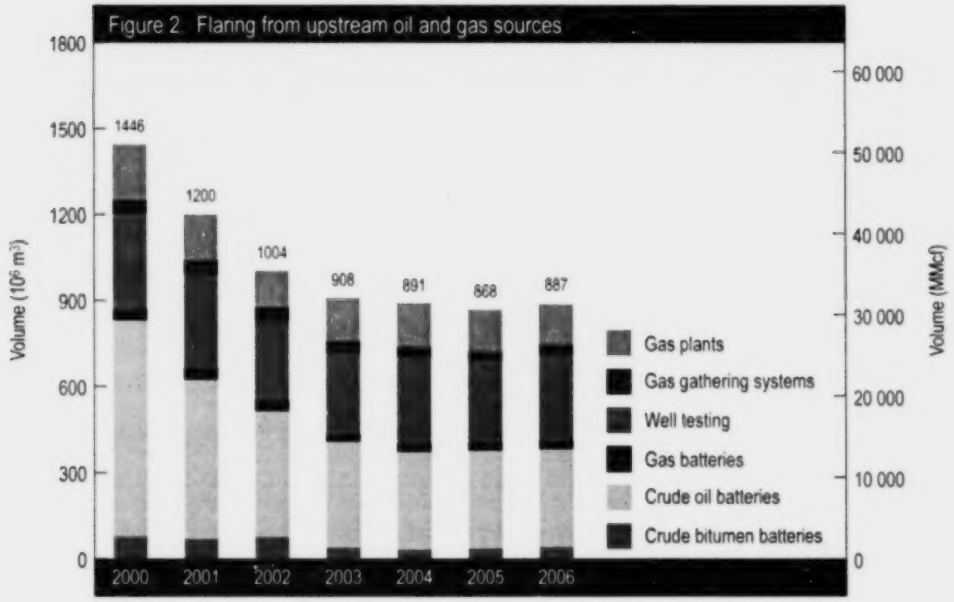
4) In the areas of Alberta where there is increased crude bitumen production, there is often insufficient gas conservation infrastructure to make gas conservation viable.

Notwithstanding the fact that gas conservation economics are more difficult respecting bitumen production, this increase concerns the EUB.

More information on flaring and venting can be found on the EUB Web site www.eub.ca under Industry Zone : Rules, Regulations, Requirements : Flaring.

4 Flaring from All Upstream Oil and Gas Sources (2000-2006)

The total volume flared from all sources in 2006 was 887 10^6 m^3 (31 483 MMcf), an increase of 2.2 per cent from 2005 (see Figure 2).



The data in Table 3 were used to prepare Figure 2:

Table 3. Flaring fom all upstream gas sources

	Flaring volume 10^6 m^3							Change (%)
Source	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2006 vs. 2005**
Gas gathering sytems [1]	48	50	48	42	38	31	36	15.7
Gas plants [1]	196	159	127	149	153	147	140	-4.7
Well testing	335	326	280	284	300	287	301	4.7
Gas batteries	36	41	35	25	28	27	28	3.4
Crude oil batteries	755	558	441	372	343	344	343	-0.1
Crude bitumen batteries	76	66	73	36	29	33	39	17.8
Total[2]	1446	1200	1004	908	891	868	887	2.2
(Imperial units-MMcf)	51 324	42 593	35 636	32 229	31 625	30 809	31 483	

[1] The figures for gas plants and gas gathering systems include both flared *and* vented volumes.
[2] Due to rounding, some totals may not exactly match the sum of the source categories.

In 2006, of 657 gas plants reporting receipts, 444 gas plants flared* a total of 140 10^6 m^3 (4969 MMcf), a 4.8 per cent decrease from 2005. All gas plant subtypes contribute to this report; they include sweet, acid gas flaring, acid gas injection, acid gas flaring percentage, sulphur recovery, straddle, and fractionation. A total of 24 plants accounted for about 50 per cent of the volumes flared at gas plants in 2006.

In 2006, 50 per cent of the volume flared from gas gathering systems came from 24 of the 2674 systems.

* The figures for gas plants and gas gathering systems include both flared *and* vented volumes.

Excluding well tests conducted in-line, the number of well tests flared in 2006 was 7372, compared to a total of 8286 in 2005, a decrease of 914 or 11.0 per cent. A contributing factor to the decrease in the number of well tests was the 9.3 per cent decrease in the number of exploration and development wells drilled in 2006 compared to 2005. Despite the decrease in the number of well tests, the volume flared for well tests actually increased by 4.7 per cent to 301 10^6 m^3 (10 683 MMcf).

When considering all well tests conducted in 2006, the average gas volume flared per test was 40.8 thousand (10^3) m^3 (1.4 MMcf), compared to 34.6 10^3 m^3 (1.2 MMcf) per test in 2005, an increase of 17.7 per cent.

It should be noted that the EUB is requiring companies to look for alternatives to well test flaring. This has been a requirement since *Directive 060* was originally released in 1999. Companies have been required to look into testing in-line when it is both economically feasible and safe to do so. Testing in-line can mean either connecting to an existing gas gathering system directly or laying a temporary surface pipeline to connect a well to a remote gas gathering system. In either way, the gas from the well test is conserved.

The data in Table 4 represent the flaring from well tests conducted by 25 companies in 2006 and the average volume of gas flared per test.

Table 4. Well test flaring, 2006, ranked by number of well tests conducted

	Well Tests	Gas Flared		Average Gas Flared / Test	
Company	(#)	(10^6 m^3)	(MMcf)	(10^3 m^3)	(MMcf)
Canadian Natural Resources Limited	**1015**	33.3	1183.2	32.8	1.2
EnCana Corporation	**722**	16.5	585.4	22.8	0.8
Apache Canada Ltd.	**367**	17.8	631.5	48.5	1.7
Talisman Energy Inc.	**309**	14.5	513.0	46.8	1.7
Quicksilver Resources Canada Inc.	**247**	3.2	111.8	12.8	0.5
Burlington Resources Canada (Hunter) Ltd.	**240**	11.6	412.5	48.4	1.7
981384 Alberta Ltd.	**213**	1.1	39.7	5.2	0.2
Husky Oil Operations Limited	**173**	4.8	170.4	27.8	1.0
Burlington Resources Canada Ltd.	**160**	8.5	300.3	52.9	1.9
Shell Canada Limited	**136**	16.6	589.5	122.1	4.3
ConocoPhillips Canada Resources Corp.	**135**	2.8	98.4	20.5	0.7
Devon Canada Corporation	**130**	5.6	199.6	43.3	1.5
Northrock Resources Ltd.	**101**	8.7	308.9	86.2	3.1
Compton Petroleum Corporation	**99**	2.5	87.4	24.9	0.9
Shiningbank Energy Ltd.	**99**	3.9	138.7	39.5	1.4
Primewest Energy Inc.	**88**	4.3	152.5	48.8	1.7
Paramount Resources Ltd.	**82**	4.9	175.3	60.2	2.1
Anderson Energy Ltd.	**81**	0.7	25.7	8.9	0.3
BP Canada Energy Company	**80**	6.5	229.4	80.8	2.9
Paramount Energy Operating Corp.	**77**	1.5	53.3	19.5	0.7
Fairborne Energy Ltd.	**71**	5.3	187.9	74.6	2.6
Rider Resources Ltd.	**64**	3.2	113.3	49.9	1.8
Duvernay Oil Corp.	**63**	2.8	99.6	44.6	1.6
Peyto Exploration & Development Corp.	**63**	5.1	180.9	80.9	2.9
Suncor Energy Inc.	**57**	2.4	86.8	42.9	1.5
Subtotal	**4872**	**188.1**	**6675.0**		
% of total well tests	**66.1%**	**62.5%**	**62.5%**		

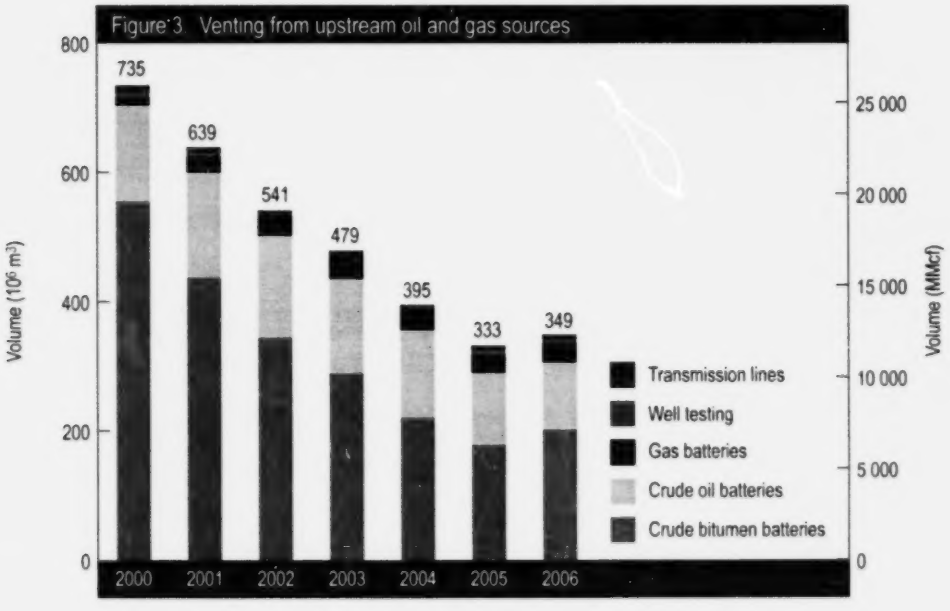
5 Venting from Upstream Oil and Gas Sources (2000-2006)

The most significant source of venting is primary crude bitumen projects, where solution gas is vented from the production casing annulus at a large number of individual wells. In some instances, small volumes of solution gas are also vented from treaters and stock tanks at crude oil and crude bitumen batteries. Venting during well testing is primarily from shallow, sweet, low-deliverability gas wells, including coalbed methane (CBM) wells.

In *ST 2004-60B: Upstream Petroleum Industry Flaring and Venting Report, 2003,* the EUB made commitments to identify and implement a number of conservation measures aimed at reducing the levels of solution gas venting from crude bitumen operations. As a result of the EUB implementing the measures and industry awareness of them, venting from crude bitumen batteries has seen a net decrease of 29.4 per cent since 2003. However, in 2006, venting from crude bitumen operations increased by 13.6 per cent to 201 10^6 m^3 (7134 MMcf) from 177 10^6 m^3 (6282 MMcf) in 2005. This increase can be directly related to increased production in crude bitumen operations—bitumen production grew by 3.1 10^6 m^3 to 29.6 10^6 m^3 in 2006, an increase of 11.8 per cent compared to 2005—the often long distances to gas conservation infrastructure, and the relatively low price of gas in 2006.

Figure 3 shows venting volumes broken down by source for 2000 to 2006. The total volume vented from all upstream oil and gas sources in 2006 was 349 10^6 m^3 (12 387 MMcf), a increase of 16.0 10^6 m^3 (568 MMcf) or 4.8 per cent from 2005.

Figure 3 Venting from upstream oil and gas sources



The data in Table 5 were used to prepare Figure 3:

Table 5. Venting from upstream oil and gas sources (10^6 m^3)

Year	Crude bitumen batteries	Crude oil batteries	Gas batteries	Well testing	Transmission lines	Total* (10^6 m^3)	Total (MMcf)
2000	554	150	12	7	12	735	26,088
2001	436	164	24	7	8	639	22,681
2002	343	159	31	3	5	541	19,202
2003	288	147	34	2	8	479	17,002
2004	219	137	33	1	5	395	14,020
2005	177	113	28	6	8	333	11,820
2006	**201**	**105**	**30**	**5**	**8**	**349**	**12,387**
2006 vs 2005	13.6%	-7.1%	7.1%	-16.7%	0.0%	4.8%	4.8%

*Due to rounding, some totals may not exactly match the sum of the source categories.

Table 5 also shows a marked improvement in venting from crude oil batteries. This reduction can be attributed to more gas being conserved at these facilities and the fact that where the gas is able to sustain a continuous flare, it is burned.

In 2000, improved reporting and measurement resulted in a more accurate differentiation between flaring volumes and venting volumes. As a result, gas that had been incorrectly reported in previous years as flared was now correctly reported as vented. This correction gave the appearance of an increase in vented volumes.

The EUB is encouraged to see that operators continue to increase their efforts to more accurately measure the volume of gas being vented from the annulus of crude bitumen wells. It is necessary for crude bitumen operators to include gas conservation in the planning stages of new primary recovery projects and implement gas conservation at an early date. The EUB intends to continue to actively pursue the conservation of vented solution gas, particularly at crude bitumen projects.

Although the EUB does not collect data on the emissions of greenhouse gases per se, it is concerned about the impact these gases can have on the environment. With this in mind, any vented gas that can sustain continuous combustion and has been shown to be economically unviable to conserve must be burned. This is an issue that the EUB has begun to pursue more vigorously.

6 Solution Gas Emissions Ranking of Operators for 2006

The EUB has ranked companies based on volumes of flared plus vented solution gas, and vented solution gas from operated crude oil and crude bitumen batteries. The tables in Section 8 provide information on individual companies. The second column in the tables shows the percentage of solution gas conserved by an operator. Individual operators can be compared to the provincial average of 96.1 per cent solution gas conservation.

In this analysis, all crude oil and crude bitumen batteries have been included except for batteries that had an experimental well reporting fluid production in a month. The information on experimental wells remains confidential. This explains the difference between 96.0 per cent and 96.1 per cent reported in this publication.

Note that it is possible for an operator to flare or vent a significant volume of solution gas due to the magnitude of the company's operations and still have a high percentage of gas conserved.

Companies are also ranked province wide and within each EUB Field Centre area. The following describes the fields that appear in the ranking tables:

COMPANY—Name of company operating crude oil and crude bitumen batteries

GAS CONS—percentage of solution gas conserved. (Solution Gas Produced – Flared Gas – Vented Gas) / Solution Gas Produced x 100

GAS CONS CHANGE—percentage change in gas conservation from the previous year. Blanks represent companies that did not report in 2005 due to mergers, name changes, acquisitions, etc.

GAS FLARED + VENTED (1000 m^3)—solution gas flared plus vented from operated crude oil and crude bitumen batteries

GAS FLARED + VENTED RANK—the company's ranking compared to other companies based on the operated volume of solution gas flared plus vented

GAS FLARED (1000 m^3)—solution gas flared from operated crude oil and crude bitumen batteries

FLARE RANK—the company's ranking compared to other companies based on the operated volume of solution gas flared

GAS VENTED (1000 m^3)—solution gas vented from operated crude oil and crude bitumen batteries

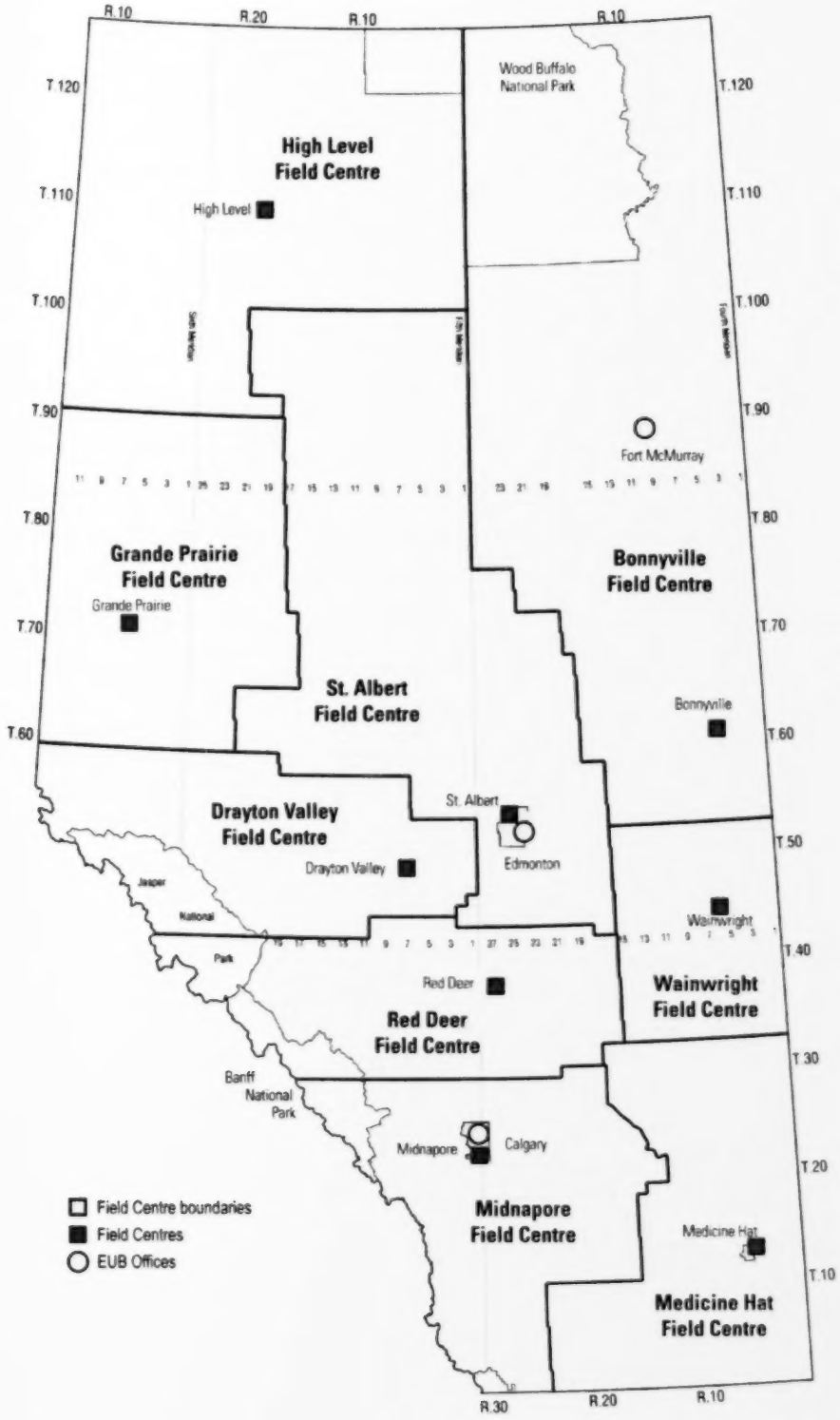
VENT RANK—the company's ranking compared to other companies based on the operated volume of solution gas vented

OIL PROD (m^3)—volume of crude oil and in situ crude bitumen produced from operated crude oil and crude bitumen batteries

SOLN GAS PROD (1000 m^3)—volume of solution gas produced from operated crude oil and crude bitumen batteries

SOLN GAS RANK—the company's ranking compared to other companies based on the operated volume of solution gas produced

7 Map of EUB Field Centres



8 Tables

In the tables that follow, the companies are ranked and listed based on solution gas flared plus vented from facilities operated by the company in 2006. Each table gives a total for the Field Centre area covered at the end of the data.

- Operators with Largest Solution Gas Produced Volume in 2006
- Operators with Largest Solution Gas Vented Volume in 2006
- Provincial Ranking of Operators—2006 Flare + Vent Volume
- Field Centre Ranking of Operators—2006 Flare + Vent Volume